Secrt. II-27—80,000—4-1-52.

HEALTH (1953) Department.

Ms. SERIES.

G.O. NO. 1304 Health.

Dated 7th April 1953.

[Despatch Abstract.]

Water Supply - Mangalore Municipality - Revised Scheme with Nethravathi River as source - Approximate Estimate and Programme of execution - Sanctioned.

C.F. 82—7,79,806—25-9-50.

PUBLIC WORKS Department

From (Name) Sri M.S.Thirumale Iyengar, B.E.,M.E.(Hons.),M.I.E.(Ind.)
Designation I.S.E.,,
Chief Engineer,Public Health.
Station
Chepauk, Madras.5.

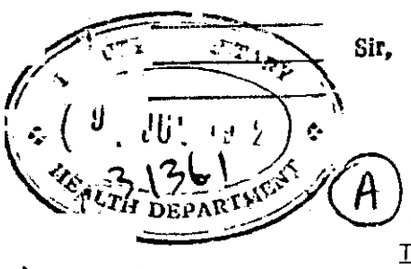
Received ____ Registered ____

To

The Secretary to Government,
Health Department.

Enclosures:

No. 933 PH/52-1, dated 3-7-1952.



Sir,

WATER SUPPLY - Mangalore Municipality - Scheme with Netravathi river as the source - Administrative Sanction - Requested -

Ref: G.O.Ms.No.32 H dated 3-1-1952.

I forward herewith a copy of Sanitary Engineer's letter No.Camp.11 dated 27-5-1952 together with the approximate estimate amounting to Rs.82.85 lakhs for the water supply scheme to Mangalore with Netravathi river as the source. The annual maintenance charges would be about 1.23 lakhs for the working conditions as in 1966 and Rs.1.66 lakhs for the conditions expected to obtain in 1981. The Sanitary Engineer's letter explains the proposals in detail.

2. The Sanitary Engineer has collected the requisite particulars as required in the G.O. cited above and found that the Netravathi river margin between miles 12/7 and 13/0 is the most suitable for locating the headworks. In the circumstances, I request that the administrative sanction of Government may be obtained very urgently to the approximate estimate submitted, so that the execution of the scheme may be arranged for immediately.

3. Detailed plans and estimates for the several parts of the scheme will be prepared by the Sanitary Engineer and technically sanctioned by me as and when they become ready. This procedure is similar to that approved by Government in the case of Guntur, Kayalpatnam and Chittoor.

4. The Sanitary Engineer has not sent his report on the point raised in para 4 of the G.O. cited above and he is being reminded in the matter.

for Chief Engineer,Public Health.

Encl: 1.copy of Sanitary Engineer's letter with all its enclosures except Appendix II and III
2.1 Index plan San.No.94/51.

vts.3-7.

SANITARY ENGINEERING BRANCH (P.W. .)

From
Sri S. Rajagopalan, B.E., L.I.C.E.,
Sanitary Engineer,
Chepauk, Madras.

To
The Chief Engineer, (Public Health),
Chepauk, Madras.

OFFICE OF THE MUNICIPAL COUNCIL
14 AUG 1952
MANGALORE

Camp II Dated 27-5-1952.

Sir,

Sub:- Water Supply and Drainage - Water Supply - Mangalore Municipality - Revised Scheme with Netravathi river source - Preparation of plans and estimates.

(A) Ref:- G.O.Ms.No.38 H dated 3--1--1952.

--oOo--

In para 2 of the G.O. cited, the Government directed the Chief Engineer to collect full particulars for the preparation of detailed plans and estimates for a revised water supply scheme for the Mangalore Municipality with Netravathi river as the source.

2. It was reported in Para 23 of my No.14224 W/51-1 dated 28-6-1951 that a preliminary exploratory survey conducted over the course of the Netravathi indicated that the Headworks for the revised scheme could be located some 12 miles west of the Sea, leaving the exact point to be selected after a detailed survey during the summer of 1952. Likewise, while submitting the preliminary estimates for the C.I. pipes required for the pumping main under the revised scheme in my No.17630 W/51-2 WS dated 28-8-1951, it was assumed (vide Report accompanying the estimate) that the Headworks for the scheme will be located in the high ground in the river margin at a point roughly near the 12/4 mile stone along the Mangalore-Karcara Road.

3. A detailed survey was of the conditions of flow in the Netravathi river, with quality tests on the surface flow during high and low tides at representative intervals, was carried out by the Assistant Engineer(P.H) Mangalore, between February and May 1952. Local enquiries were also made as to the extent to which the tidal saline influence of the Sea reaches into the river course. Samples were also drawn simultaneously during high tide and low tide, at several points over a 16 mile reach of the river course, in order to assess the varying intensity of the tidal action up the river estuary. The details in Appendix I enclosed will show the results as gathered during survey carried out in the summer of 1952.

4. It will be seen that the surface flow in the Netravathi river may be safely assumed as not less than 100 cusecs during the period of the summer months and that the tidal saline influence does not normally extend into the river above the 11th mile stone along the Mangalore-Karcara Road. In between miles 11/0 and 12/4 the high tide may extend for short durations during the driest month of the year with the surface flow in the river at a minimum. There is no authoritative statistical data available at the Mangalore Port in regard to the variation and range of the tides and the volume of surface flow obtaining in the river during the summer months. With the limited data available and as gathered, however, it may reasonably be inferred that the tidal saline influence may not extend into the river beyond the 12/4 mile, and even if it should extend beyond this point in any severe summer, the duration of such incursion would

p.t.o.

be very short and on these particular days it would be possible for us to pump sweet water from the river surface flow for a minimum total period of 16 hours in the day, in between high and low tide timings on any such day.

5. The right margin of the river was thereupon inspected above the 12/0 mile point in order to select a suitable location for the proposed Headworks. The particular reach of the river margin between miles 12/7 and 13/0 would seem to offer the most suitable location for the purpose. This reach is almost parallel to the Mangalore-Marcara Road with the river right bank lying at about 500' from the road line. A 200' wide strip adjoining the river is high bank while the other 300' is slightly lower in level, up to the road, and is being used for wet cultivation, with a lift irrigation arranged from the river. A strip of land in this area roughly some 500' east to west and 500' north to south between the river and the road would be suitable for locating our Headworks and siting the & III* pre-settling tanks also. Appendix II* enclosed shows a site plan, indicating the area recommended for acquisition for locating the Headworks of the Scheme.

6. HEADWORKS.

The components proposed for the Headworks to be at this site would be as under:-

(i) A raw water intake well will be located at the right river margin. Provision will be made for drawing in the river raw water at the normal summer flow level as well as at a higher level when the river is in floods. The intake well will be carried some 15' above the bed level and sealed at the top. It may not be necessary to carry the intake well right upto the H.F.L. of the river which would be of the order of 40 to 50 ft.

(ii) A syphon pipe line will connect the intake well to a suction cum pump well situated in the high ground on the river margin about 150' or so from the intake well.

(iii) Two low lift raw water pumpsets will be housed over the suction well, to lift the raw water and deliver it into the pre-settling tanks.

(iv) A pre-settling basin of about 24 hours capacity in 2 compartments will be located in the adjoining land and up to the road line. The tank will hold roughly 40 lakhs of gallons in 2 equal compartments with a depth of storage of about 8 to 10'. The bunds of the tank will be raised above the H.F.L. of the river and will also form the approach to the raw water pump works.

The raw water when it is discharged into the settling basin will also be dosed with a preliminary doses of lime and alum in order to improve the pH and the physical quality of the supply before it is pumped into the rising main.

(v) A high lift pump well cum pump house will be located on the road margin at the mid point of the northern bund of the storage tank. The settled water will be drawn into this well and pumped into the rising main by high lift pump sets in duplicate located over the well.

(vi) A rising main 20" dia. 'C' class spun iron pipes will convey the supply from the Headworks to the site of the filter plant works located within the Collector's Bungalow compound inside Mangalore town.

p.t.o.

(vii) Scouring arrangements will be provided at the Headworks site to facilitate scouring out of the two pre-settling basins and to discharge the scoured water into the adjoining drainage sources.

(viii) A small laboratory and store will be located at the Headworks, equipped to carry out salinity and other tests on the river raw water at periodical intervals daily, during the summer months particularly, in order to keep a close check on the quality of the supply pumped into the settling basins and in order to regulate the hours of pumping such that only sweet water of the river surface flow is pumped at all times.

(ix) A live fencing will be provided allround the Headworks site.

~~Re~~ Quarters for the pumping station staff ~~need~~ be provided at the Headworks site, ~~as the staff can find accommodation in the Tumbe village nearby.~~

7. Pumping Main:

Proposals with preliminary plans and estimates amounting to Rs.41.3 lakhs have already been submitted for the work relating to the pumping main of the scheme. With the altered location of the Headworks as now proposed the total length of the pumping main will be increased by about 2000' or so. Detailed plans and estimates for the pumping main work based on the final location of the Headworks as now proposed are being submitted separately for technical sanction. 20,000' of 20" dia. Spun Iron pipes have already been ordered and pipe consignments are now being landed at Cochin Port. They will be railed to Mangalore in the next few weeks and the work of laying the pumping main for the length so far received will have to be taken up as an immediate measure.

8. Filtration Works:

As already reported the most suitable location for the Filtration works of the scheme will be on the high ground in rear of the Collector's Bungalow, within the spacious compound available for the purpose. The works will comprise a chemical dosing house, Store and Office and Laboratory, Flocculators, Coagulation basins, Mechanical filters and a Clear Water Reservoir.

9. Distribution System:

The filtered water will then be conveyed through trunk mains to different zones within the town for effective distribution through a net work of pipes laid out in each zone.

Certain portions of the town which cannot be commanded by the elevation at the filter house, will have the supply boosted through local boosters in the distribution system, so that the quantity of supply which is lifted to serve these higher areas is restricted to the minimum and just to the limits found necessary.

10. An overall estimate for the entire scheme with the Netravathi river source as finally selected is herewith submitted - See Appendix IV - for administrative approval of Government. Detailed plans and estimates for the several parts of the scheme will be prepared and submitted for technical sanction in successive stages.

p.t.o.

11. I am addressing the Chief Engineer separately for according technical sanction to the pumping main p the work so that the execution of this stage of the sc could be taken up immediately.

Encls: Appendicies I, II, III & IV.

28.5.52

Acn/27-5. Sanitary Engineer.

-Copy to the Executive Engineer(P.H) Coimbatore.

Copy to the Assistant Engineer(P.H) Mangalore.

A P P E N D I X I.

1. Salinity readings at different Mileages in Netravathi river water at High and Low tides.

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Mileage on road & corresponding river water tested.	High tide 16-2-1952 3 P.M.		Low tide 19-2-1952 11-30 A.M.		Remarks
	Salinity in P.P.M.	Iron Content P.P.M.	Salinity in P.P.M.	Iron Content P.P.M.	
1.	Not taken		15,600	0.40	
2.	31,200	0.10	13,200		Rly.Bridge.
3.	16,800		8,400		
4.	9,600		1,800		
5.	4,800		1,080		
6.	2,400	0.15	1,560	0.30	
7.	1,200		840		
8.	600		360		
9.	300		60.0		
10.	132.0		24.0		
11.	36.0		18.0	0.40	
12.	30.0	0.20	18.0		
13.	18.0		18.0		
14.	24.0		24.0		
15.	24.0		18.0		Panemangalur Bri.
16.	24.0	0.20	18.0	0.35	Bantval.

2. Measurement of Netravathi flow at different periods by current meter(Measured opposite Road Mileage 13/1 Mangalore Marcura Road).

S. No.	Date	Time	Discharge in cusec.	Remarks.
1.	16-2-'52.	11-30 a.m.	192.4	1½ hours after low tide at Port Mangalore.
2.	21-3-'52.	2-15 p.m.	148.04	1½ hours after low tide at Mangalore Port.
3.	12-4-'52.	5-30 p.m.	183.3	1 hour before low tide at Mangalore Port.
4.	3-5-'52.	11-15 a.m.	215.2	At low tide time at Mangalore Port.

p.t.o.

(3) Salinity Readings taken in P.P.M. on different dates at High Tide at 12/4 of Netravathi river opposite road mileages given.

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Mileage	26-2-1952	12-3-1952	13-3-1952	27-3-1952	28-3-1952	12-4-1952	13-4-1952	24-4-1952	11-5-1952	24-5-1952
11/0	26.4	40.8	44.4	251.2	120.0	2520.0	2040.0	2046.0	56.4	30.0
12/0	22.8	18.0	24.0	21.6	21.6	22.8	21.6	32.4	28.8	30.0
12/4	-	18.0	19.2	21.6	21.6	22.8	22.8	28.8	30.0	
13/1	21.6	18.0	18.0	21.6	21.6	24.0	22.8	27.6	27.6	
14/0	21.6									
15/0	21.6									

(4) Surface water salinity at 11/0 during high tide and certain periods before and after (3 to 4 hours)

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The following table gives results of readings taken on 24-4-1952 at Mileage 11/0:-

Serial No.	Date - 24--4--1952.	
	Time	Salinity in P.P.M.
1.	9-40 A.M.	66.0
2.	10-40 A.M.	90.0
3.	11-40 A.M.	90.0
4.	12.15 Noon.	372.0
5.	12-40 Noon.	936.0
6.	1-15 P.M.	1710.0
7.	1-40 P.M.	2046.0
8.	2-10 P.M.	2082.0
9.	2-40 P.M.	1806.0
10.	3-10 P.M.	1806.0
11.	3-40 P.M.	1536.0
12.	4-10 P.M.	1344.0
13.	4-40 P.M.	1224.0
14.	5-15 P.M.	1074.0
15.	6 P.M.	485.0

5. Comparative figures of Chemical analysis on samples collected on 28-6-1952.

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S. No.	Mileage from Mangalore at which samples were collected.	Figures of field test at Mangalore by the Assistant Engineer(P.H.)		Figures of analysis as furnished by the Director, King Institute, Guindy, Madras.		
		Salinity in P.P.M.	Iron in P.P.M.	Salinity in P.P.100 of Chlorides as chlorine	Iron in P.P.M.	pH
1.	9/0	1032.0	0.7	60.4	0.55	6.9
2.	10/0	810.0		60.4	1.30	7.3
3.	11/0	18.0	0.4	1.4	0.60	7.1
4.	12/0	16.0		0.7	0.30	7.1
5.	13/0	19.2	0.3	0.7	0.30	7.3

6. Iron content in P.P.M. of Netravathi Surface Water:

The iron content of the surface water at high tide varies from 0.2 to 0.1 P.P.M. and during low tides 0.4 to 0.5 P.P.M. This is within permissible limits and so iron content of the surface water is not of any special interest.

7. Turbidity:

The turbidity of water of Netravathi at 12/0 on 12-9-1951 was 28 P.P.M. The turbidity afterwards went down below 10 and could not be taken by the turbidity rod. Except after the Ist showers the turbidity does not rise much and is not of much concern. The turbidity in high floods will have to be observed during 1952 only.

Sanitary Engineer.

A P P E N D I X IV.

MANGALORE WATER SUPPLY SCHEME.

NETRAVATHI SOURCE.

Abstract of total cost.

1. (a)	Land acquisition for Headworks (Approximate)	Rs.	15,000/-
(b)	Land acquisition for Treatment near Collector's compound. (Approximate)		10,000/-
(c)	Other land along pumping main where required - L.S.		5,000/-
2.	Raw water intake well - construction with draw off arrangements. - L.S.		30,000/-
3.	Suction well for pump house for raw water low lift.		15,000/-
4.	Syphon pipe line between intake well and suction well		15,000/-
5.	Supply, delivery and erection of low lift pumps in duplicate of about 45 B.H.P. each with necessary accessories		25,000/-
6.	Pipe connection etc. required for low lift pumping plants.		10,000/-
7.	Construction of earthen basin for presettlement 24 hours capacity...		20,000/-
8.	Construction of pump house for low lift pumps		25,000/-
9.	Supply, delivery and erection of high lift pumps in duplicate of about 350 B.H.P. each with necessary accessories including transformer etc.		2,00,000/-
10.(a)	Pipe connection required for high lift pumps		10,000/-
10(b)	Construction of a pump house for High lift pumps		25,000
11.	Store & laboratory at Headworks		10,000/-
12.	Supply, delivery, laying and jointing of 20" dia. 'C' Class C.I.Spun pipes for the pumping main from the Headworks upto filter plant - total length about 62,000 ft. including 2% for breakages, Specials, Valves etc. complete. (Rs.33.54 lakhs plus 1/30 of 33.54 lakhs)		34,66,000/-
	(Vide Appendix II of this office No.17630 W/51-2 WS d/28-6-1951)		
		Rs.	38,81,000 ~~39,60,000~~

(Carried Over)

p.t.o.

		38,81,000
Brought Forward	Rs.	~~38,56,000/-~~
13. Filtration plant in the town, chemical house, flocculators, coagulation tanks, wash water tanks, stores, office, laboratory, filter house, etc. complete.....		10,00,000/-
14. Service Reservoir cum clear water reservoir of 8,00,000 gallons capacity including pipe works.....		3,00,000/-
15. Distribution system with public fountains, hydrants etc. complete (Tentative).. ...		13,00,000/-
16. Supply, delivery and erection of Booster Pumping plants in duplicate with necessary accessories		15,000/-
17. Venturi meter, chloronome plant and water testing equipments		15,000/-
18. Telephone connections from Headworks, Reservoirs etc.		20,000/-
19(a) Qrs for staff at Head works		15,000
19(b) Watchman's quarters at Headworks and Filter works.		5,000/-
20. Purchase of Lorry, Jeep and lifting machinery and pumping machinery - for the execution of the scheme.		30,000/-
		65,81,000
		~~65,41,000/-~~
21. Unforeseen works at 4%		2,63,000
		~~2,62,000/-~~
		~~66,03,000/-~~
22. Contingencies & Petty Supervision @ 5%		3,29,000
		~~3,40,000/-~~
	71,73,000	~~71,43,000/-~~
23. Centage charges @ 15%	11,12,000	11,07,000/-
Total	Rs. 8285,000	~~Rs. 82,50,000/-~~

Sanitary Engineer.

W2

F. 32—7,70,800—26-9-50.

PUBLIC WORKS Department

From (Name) Sri M.S.Thirumale Iyengar, B.E.,(M.E.(Hons.),M.I.E. (Ind.),I.S.E.,
Designation Chief Engineer, Public Health.
Station Chepauk, Madras.5.

Received ____ Registered ____

To

The Secretary to Government,
Health Department.

DEPUTY SECRETARY 8 JUL 1952 HEALTH DEPARTMENT 3115

No. 933 PH/52-3, dated 3-7-1952. 195

Enclosures:

Sir,

WATER SUPPLY - Mangalore Municipality - Scheme with Natravathi River as the source - Programme of execution -

Ref: Correspondence resting with this office letter No.933 PH/52-1 dated 3-7-1952.

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I forward herewith a copy of Sanitary Engineer's letter No.Camp 12 dated 28-5-1952. I agree with him that the scheme may be arranged to be executed on the basis of the three years programme envisaged by him. I request approval to the same. Alterations, if any, required will be attended to later on depending upon the financial conditions prevailing then.

2. About one third of the quantity of pipes required for the pumping main have already been received at Cochin Port based on the orders of Government in Memorandum No.62426 W2/51-H dated 29-2-1952. Arrangements will be made to get the balance quantity of 20" C.I.spun pipes from foreign countries at the appropriate stage.

for Chief Engineer, Public Health.

Encl: 1 Copy of Sanitary Engineer's letter No.Camp. 12 dated 28-5-1952.

Copy. C.No:936 P1 19

SANITARY ENGINEERING BRANCH (P.W.D.)

From
Sri S. Rajagopalan, B.E.,M.I.E.,
Sanitary Engineer,
Chepauk, Madras.

To
The Chief Engineer(Public Health)
Chepauk,
Madras.

No. Camp. 12 Dated 28-5-1952.

Sir,

Sub:- Mangalore Municipality - Water Supply Scheme with Netravathi river source - Pace of execution - Instructions - solicited.

In my letter No.Camp 11 dated 27-5-1952, I am sending a report separately recommending the location of the Headworks at mile 12/7 of the Netravathi river course, and giving an approximate forecast of the total cost of the scheme involved. The scheme is estimated to cost Rs.82.5 lakhs to instal. The annual maintenance charges would be about Rs.1.23 lakhs for the working conditions as in 1966 and Rs.1.66 lakhs for the conditions expected to obtain in 1981, as already reported in my No.17630 W/51-2 WS dated 28-8-1951. In view of the magnitude of this major scheme and the capital cost involved, it is advisable to draw up a specific Plan spreading the progress of the execution of the scheme over a definite period, so that the Department may programme for the procurement of the pipes and pumping plants required for the scheme, and regulate the progress of the execution accordingly.

G.O 32.A 31.52 ... (A)

2. The total cost of the scheme could be broadly apportioned into the following heads:-

(i)	Headworks including raw water intake, presettlement tanks, low and high lift pumpsets and pipe work involved.....	Rs. 5 lakhs.
(ii)	Pumping main, 20" dia.'C' Class spun iron piping over a distance of about 60,000 ft.	43.5 "
(iii)	Filter plant and accessories and clear water reservoir.....	12.5 "
(iv)	Distribution system including boosters at required points.....	20.0 "
(v)	Miscellaneous items	1.5 "
	Total Rs.	82.5 lakh

3. It will be seen that ~~ex~~ a very large proportion of the total cost i.e. Rs.63.5 lakhs/ out of the total cost of Rs.82.5 lakhs, comprises the value of the pumping main and the distribution system solely. Out of this we have already arranged to procure a third of the total quantity of pipes required for the pumping main by placing a special indent on German Suppliers. We may take it that roughly about Rs.12½ lakhs worth of pipes is already on hand and the work

p.t.o.

on the balance of pipes and specials required for the pumping main and the distribution system for which we shall have to arrange for hereafter would cost about Rs.51.0 lakhs. If we place orders on Indian Manufacturers for all the pipe quantities required against this scheme now, we may expect to secure all the quantities and have them all laid in position within the town over the space of the next, say 6 years. Even so within the first 2 or 3 years, supplies will not be forthcoming as the Indian Manufacturers would require a time lag of 2 to 3 years before commencing supply against future indents. How can it be definitely assumed that the large quantity of 40,000 ft. of 20" dia. 'C' Class pipes would be made available to us by the Indian Manufacturers within the next five or six years as they might make the supply contingent on other demands from other customers within the Union.

4. As an alternative we may arrange to import the balance of 40,000 ft. of 20" dia. 'C' Class Spun Iron pipes from outside the country. It would enable us to get the entire quantity for the pumping main within the space of one year, more or less. But this would commit us to an expenditure of about Rs.30 lakhs, within the space of one year on this item of work alone.

5. Meanwhile we could place an indent for the pipes required for the distribution system with the Indian Manufacturers and hope to receive these pipe quantities in gradual stages during the space of the next 2 to 4 years. We could supplement the quantities received from the suppliers by diverting stocks from the Reserve Pool to the extent found feasible.

6. This again would mean that in addition to the pumping main, the Department would have to incur expenditure on the gradual execution of the distribution system also, year after year, to the tune of say Rs.6 lakhs every year over the next 3 or 4 years.

7. The execution of the component parts of the scheme relating to the Headworks at mile 12/7 of the Netravathi river margin can all be taken up and completed over the space of 1½ to 2 years. This work could be sandwiched with the progress of work on the pumping main and the distribution system as may be found expedient.

8. The execution of the filter treatment works within the town, and the construction of the Service Reservoir can also be pursued independently and got completed over a period of 2 years from the date of commencement. Here again the progress of work on this part of the scheme can be regulated to suit the completion of the pumping main and the distribution system.

9. It will be evident from the above that the progress of execution of the entire scheme could be regulated over the next 6 years or over the next 3 years depending on whether we decide to get all the pipe quantities from within the country (with an indefinite delivery programme which such a course would entail) or whether we pursue special measures to import the larger size of pipes for work on the pumping main from outside the country, and arrange for the execution of the scheme to suit the accelerated programme spaced over say 3 years.

10. In any case, for a 6 year programme the expenditure on the scheme would be of the order of Rs.13 to 14 lakhs ~~of rupees~~ per year, while for a 3 year plan of execution funds will have to be found to the extent of Rs.27.5 lakhs every year, not to say any additional funds required in the initial year to ex cover the larger expenditure against import of the pipes required for the pumping main.

11. Roughly speaking therefore, the pursuit of this scheme over a 6 year plan will mean an yearly expenditure of the order of 15 lakhs while the 3 year plan would mean a commitment of about Rs.30 lakhs every year, with minor variations in the figure in any particular year.

12. It would be possible for us to lay a skeleton distribution system in the first instance with the available pipes so that a pilot supply could be made to the town, in advance of the completion of the entire distribution system, provided we had the pumping main and the filter plant also completed as an advance stage of the scheme.

13. In so much as we have already managed to secure a large quantity (20,000 ft.) of the 20" dia. pipes required for the pumping main at a cost of Rs.12 lakhs and as dependence on Indian Suppliers for the balance quantity (40,000 ft.) of the pipes for the pumping main will mean an infinite delay, I would suggest that the following programme of execution may be considered for this major scheme with advantage:-

	Approximate commitments in each half-year Rs. (Lakhs)
<u>First stage:- (June to December 1952):</u>	
(a) Completion of Filter Plant works etc.	
(b) Placing indents for pipes required for the Distribution system on the I.S.A.	10.00 (on pipes already imported)
<u>Second Stage: (January 1953 to June 1953):</u>	
(a) Laying and jointing of 20,000' 20" pipes already received for the pumping main.	
(b) Placing orders for the import of 40,000' of 20" pipes required for the remaining length of the pumping main.	
(c) Start execution of the coherent items in the Headworks including intake well, presettlement tanks etc.	
(d) Place orders for low lift and high lift pumps at Headworks.	5.00
<u>Third Stage: (June to December 1953):</u>	
(a) Receive imported pipes for the pumping main.	
(b) Preliminary arrangements for starting filter works within the town.	22.00
<u>Fourth Stage: (January to June 1954):</u>	
(a) Laying and jointing of the pumping main and completing the full length.	
(b) Completing the Headworks.	
	37.00

p.t.o. (Carried over)

(Brought forward) Rs.37.00

(c) Construction of filter house, clear water reservoir etc.

(d) Laying trunk mains under the distribution system to the extent pipes are available. 20.00

Fifth Stage: (June to December 1954)

(a) Receive pipes for the distribution system and pumpsets and booster sets for the low lift and high lift stations and for distribution system.

(b) Lay sub-mains to the extent feasible. 10.50

Sixth Stage: (January to June 1955):

(a) Complete as much of the distribution system as possible and start giving a pilot supply

(b) Proceed with the completion of the distribution system up to the end of 1955 as and when pipe quantities are delivered. 15.00

Total Rs.82.50

14. In view of the large commitments involved, I would suggest that the programme of execution of the scheme may be decided by the Government in consultation with the Municipality and instructions issued to enable me to take further action to keep to the programme of execution as may be decided upon.

28.5.52

Sanitary Engineer.

Acs/28.5.

Health (Irr 2)

U. S. and D - U. S. Mangalore Mly -
Revised scheme with Nethravathi
river as source - Estimate.

Ref: From the CE (PH) No 933 PH/52-2 dt 3.7.52

Memo No: 31157/52-2 dt 8.8.52.

A copy of the CE's letter cited with enclosures in original is forwarded to the Commr Mangalore Mly. He is requested to place the matter before the M.C. and forward its views to Govt also stating how the M.C. proposes to finance the scheme.

SAS
8/8

To
the Commr
Mangalore Mly. thro' the C.M.C.

(1 copy of pp 1. Cf and
Hlt pp 3-16 Cf in and
plan in orgl to be returned
with reply)

The CE (PH).

G/9/8

28/9/52

pp 1-22 Cf

Dpd 28

1886
11/8

7.8.52

By regd. post

05/12537-52.

Municipal Office, Mangalore,
Dated the 23rd September 1952.

From

Sri M. Govinda Menon, B.A.B.L.,
Commissioner, Mangalore Municipality, Mangalore.

To

The Secretary to the Government of Madras,
Health Department, M a d r a s,

Thro'

The Chairman, Municipal Council, Mangalore.

45487

DEPUTY SECRETARY
29 SEP 1952
HEALTH DEPARTMENT

Sir,

Subject:- Water supply and Drainage - Water supply Mangalore Municipality -- Revised scheme with Netravathi river as source - Council resolution No. 1271, dated the 17th September 1952.

Reference:- Government Memorandum No. 31157-W2/52-2, Health dated the 8th August 1952.

As directed in the above Government Memorandum the matter was placed before council.

The Copy of the Chief Engineer's letter with the enclosures in original is resubmitted with a copy of the council resolution No.1271 dated the 17th September 1952 with Commissioner's Note. The council is anxious to proceed with the new scheme with Netravati river as the source and has also agreed to levy the tax to the maximum extent possible in order to ~~levy~~ finance the scheme. The council also prays for the speedy execution of the scheme.

M. Govinda Menon
Commissioner,
Mangalore Municipality.

Forwarded.

Chairman, M.C.

Encls.
1. Sanitary Engineer's letter to C.E. with plans and estimates.
2. Council resolution No.1271, dated the 17th Septr. 1952 with Note.

To be dealt with expediting M

SRM
3-10-52

Extract from the Proceedings of the Mangalore Municipal council, dated the 17th September 1952.

Present.

x x x

C.R.No.1271.

C5/12537/52. Read Government Memorandum No. 31157-W2/52-2 Health Department, dated the 8th August 1952 with a copy of Chief Engineer's letter with enclosures in original, regarding the revised scheme for water supply to the Mangalore Municipality with Netravathi river as source and requesting to inform the views of the Municipal council on the question of financing the scheme. Note of the Commissioner thereon.

This council approves the present scheme of Protected Water supply to Mangalore town from the Nethravathi river. Regard being had to the financial resources of the Municipality its share of capital cost has been limited to 25.5 lakhs under G.O.MS.No. 32 Health dated 3- 1- 1952. This amount may be advanced as a loan repayable in 40 yearly instalments. The council will raise its Water & Drainage tax to the maximum limit of 9 per cent as required in the above said G.O. which will bring it an income of not less than 3 lakhs per year which will be enough to repay the loan as also incur the annual maintenance charge. The council will increase the water and Drainage tax to 9 per cent from 1- 4- 1953. This council urges on the Government to complete the scheme in 3 years as recommended by the Sanitary Engineer.

x x x

(sd) L.C.Pais

Chairman, M.C.

(True Extract)

Municipal Office, Mangalore,
Dated the 23rd September '52.

M. Govindacharya
Commissioner, M.M.

Compd. 9

h/23-9-52.

Commissioner's Note

In Government Memorandum No. 31157-W2/52-2 Health, dated the 8th August 1952 a copy of the Sanitary Engineer's letter regarding the Nethravathi Scheme costing about 82.85 lakhs endorsed by the Chief Engineer P.H., had been forwarded to the Municipal council for recording its views about the new scheme and also for stating how the council would finance the scheme.

The whole work could be divided into 3 parts (1) the Head works (2) the pumping main (3) The distribution-system including service reservoir in the town and filteration plant. The water is proposed to be tapped from surface flow in th Nethravathi at the 13th mile.

		Rs
(1)	The approximate cost for work and equipment at HeadWorks would be	4, 25000
(2)	The pumping main for 13 miles	35, 00000
(3)	Filteration plant & distribution system	27, 00000
	unforeseen works, contingencies, centage etc.	17, 00000

Regarding question of financing the scheme - The original scheme was a half grant half loan scheme the total cost being about 49,00000 of which the council's share was about 24 lakhs. The Government asked the council in Government Memo No. 10040 M2/50-15 dated the 28th July 1951 to raise the tax to 5½% per annum to provide an annuity of 1,15,900 Rs in 40 instalmen With effect from 1-4-1951 the council agreed to levy 4½% tax xxx i Council resolution No. 1472 dated 13th October 1951.

In G.O. Ms No. 32, Health dated the 3rd January 52 in directing the Chief Engineer to collect full particulars for a detailed plan and estimates for the revised scheme with Nethravathi river as source, Government stated that the revised scheme is roughly estimated to cost 80 lakhs to install and an annual maintenance charge of 1.23 lakhs up to 1966 - In the same G.O. after examining the financial position of the council and in view of the changed policy of Government as laid down in G.O.MS 1488 P.H., dated the 25th April 1949 to levy the maximum tax and contribute the rest from Government sources, the council was asked to raise the tax to the maximum of 9% to make up the council's share of 25.5 lakhs. Hence the council's share for the new schem was confined to 25.5 lakhs. In Council resolution No.726 dated the 12th May 1952 the council agreed to increase the tax to 8 % to but asked for deferring the levy of the increased tax till the supply was started.

At the rate of 4½% we are now realising about 1½ lakh At 9% we are likely to realise about 3 lakhs every year. The annuity for a loan of 25.5 lakhs spread over for 40 years would b approximately 1½ lakhs per year. Even at the maximum amount of taxation the council will be able to finance a loan of 25.5 lakhs repayable in 40 years. The maintenance cost with the annuity would be about 3 lakhs every year. The total percentage of general tax at present is 20½ %. Another 4½% would make it 25 %.

The council may agree to levy this additional 4½% from 1-4-1953 to finance the scheme asking for its share to be confined to 25.5 lakhs and spreading over the repayment period for the maximum of 40 years.

p.t.o

There was some difficulty for the loan application this time, because varying amounts were demanded by the Public Health Engineering Section. We have already placed at their disposal a total of Rs.3,00,022. We have agreed to applyfor a loan of Rs 8,00,000 lakhs this year to make up for the full demand of 12,07,600 which is the anticipated expenditure for the current year for which pipes have been ordered for. Government informed us recently in G.O.Ms 2621 Health dated the 13th August 1952 that though only a provision of 2.5 lakhs is made in the Budget of 1952-53 they will sanction a loan of 5.9 lakhs as a special case. It would be advisable to apply for loan up to 8,00,000 lakhs this year and also up to our full share of 25.5 lakhs later and push through the scheme.

It may also be resolved to have the scheme speeded up and completed within three years and orders for the full suppl of pipes may be placed immediately.

Dated 16th Septr. 1952. (sd) M.Govinda Menon
Commissioner

(True copy)

Municipal Office, Mangalore,
Dated the 23rd September 195

Commissioner, M.M.

Compd. 9

h/23-9-52.

31157/5

Health Dept (W2)

Memo. No 31157-W2-52-4 H dated 18-11-52

Sub:- W. S & D - water Supply - Mangalore Municipality - Revised Scheme with Nethravathi river as source - Programme of execution -

Ref:- Note of C.E. (P.H.) No 927-P.H-52-3 dt 3-7-52

The C.E.(P.H.) is requested to furnish a list, in the following form, of the sanctioned water Supply and Drainage schemes in the State.

List I - Water Supply Schemes

Scheme	Total cost	Govt. Share		Expenditure in each of the three years from 1952-53					
		Grant	Loan	1952-53 Grant	1952-53 Loan	1953-54 Grant	1953-54 Loan	1954-55 Grant	1954-55 Loan

List II - Drainage Schemes

Scheme	Total cost	Govt. Share		Expenditure in each of the three years from 1952-53					
		Grant	Loan	1952-53 Grant	1952-53 Loan	1953-54 Grant	1953-54 Loan	1954-55 Grant	1954-55 Loan

The C.E. (P.H.)
(Rr 16-12-52)

16/11/52
17/11/52

18/11/52.

18/11/52

Ref. A1/14827/51.

Municipal Office, Mangalore,
Dated the 14th May 1952

From

Sri C.S. Ramachandra Pai,
Commissioner-in-charge,
Municipal Council, Mangalore.

To

The Secretary to the Government of Madras,
Health Department, M a d r a s

Thro'

The Chairman, Municipal Council, Mangalore,
and
The Inspector of Municipal councils and Local Boards,
Old High Court Buildings, First Line Beach,
M a d r a s I.

Sir

Subject:- Tax - Property - Water supply and Drainage-increase.

Reference:- G.O.No. 32, Health, dated the 3rd January 1952.

(K) received

I enclose a copy of council resolution No. 726 dated the 12th May 52 on the above as also a copy of the Memorandum referred to in the resolution. The views of the council regarding the proposal to raise the Water & Drainage tax from 4½% to 9% per annum are contained in the Memorandum enclosed herein.

p 3 in file.

sd. C.S.Ramachandra Pai
Commissioner-in-charge

(True copy)

Commissioner,
Mangalore Municipality.

Forwarded.

Chairman, M.C.

Encls.

H/17-5-52. compd.

Extract from the Proceedings of the Mangalore Municipal council, dated the 12th May 1952.

(K) Resolution No. 726. A1/1482/52. READ G.O. MS No. 32, Health, dated the 3rd January 1952, stating that as per the revised scheme of water supply for the Municipality which is estimated to cost Rs.80 lakhs to instal with annual maintenance charge ranging from Rs.1.23 lakhs in 1966 to Rs.1.66 lakhs in 1981, it is necessary that the council should raise the water and drainage tax levied from 4½ % to 9 % per annum with a view to finance a loan of Rs.25.5 lakhs towards its share of the capital cost of the scheme and also to meet the annual maintenance charges and calling for the views of the council in the matter and council resolution No. 629 dated the 26th April 1952 constituting a committee to wait up the Government to make representations in the matter of expediting the scheme; and the file of papers.

* * *

P.T.O.

(2)

This council while agreeing to raise water and drainage tax from 4½ % to 8 per cent requests the Government to permit the council to defer the levy of the increase till the work of water supply is actually started. [illegible] memorandum on the subject is submitted.

sd. L.C. Pais
Chairman, M.

(True Extract)

Municipal Office, Mangalore,
dated the 17th May 1952.

Commissioner, M.M.

h/17-5-52.compd.

DRAFT OF MEMORANDUM TO BE SUBMITTED TO GOVERNMENT ALONG WITH THE RESOLUTION.

x x x

The Water and drainage tax was being levied at 2 p.c. per annum rill 31- 3- 1950. As per direction of the Government the same was raised to 4½% per year from 1- 4- 1951 under resolution C.R.No.595, dated 8-7-1950. Subsequently the Government in their Memorandum No.10040 W2/50-15. dated the 28th July 1951 stated that it is sufficient if the council levies water and drainage tax at 5½ p.c. per annum with effect from 1- 4- 1952 and the council in its resolution no.1474/13-10-1951 resolved that as the tax has already been raised to 4½ per cent the remaining 1 per cent will be raised from 1- 4- 1953. At present the water and drainage tax is being levied and collected at 4½% per year.

The Government is now stating that under the policy laid down in G.O.No.1488- P.H., dated the 25th April 1949 having regard to the present financial resources of the council and the cost of the water supply scheme the water and drainage tax must be increased from 4½ P.C. to 9 P.C. and wishes to know whether the council is agreeable to the same. As at present the taxation is 20½ p.c. inclusive of 4½ p.c Drainage and Water supply tax, the council can enhance the drainage and water supply tax to a maximum of 8 p.c thus bringing the total to 24 p.c. The margin of 1 p.c still remaining to reach the maximum is necessary to be reserved for the contingency of any other increase of taxation being levied. The council is thus agreeable to the enhancing of the water and drainage tax from 4½ p.c. to 8 p.c. per annum, but requests the Government

to permit the council to defer the actual levy of the enhanced tax till after the work of the water supply scheme actually starts.

The present general tax under the various other heads comes in all to 16 p.c. and with the addition of this 4½ p.c the total tax stands at present at 20½ p.c The water and drainage tax was recently enhanced from 2 per cent to 4½ per cent. Besides the above tax Library cess also is being levied. Great discontent prevails in the town on accountof the heavy taxation particularly as there is no corresponding increase in the amenities provided. The providing of protected water supply to the town is a matter that has been under the contemplation of the council and the Government for the last over 30 years without anything tangible being done. The people are so much disappointed that they have begun to feel that [redacted] water supply will never come to Mangalore. [redacted] of the work of headworks at Gurumane River [redacted] consequent stoppage of the work as the water was found unfit for human consumption has developed a sense of frustration and helplessness in the people. The stoppage of the work is quite proper as the water is found unfit for use. But there can be no denial that there has been a mismanding of the situation and this has made the people both discontented and disappointed. Any further increase of the tax just now particularly when 4 ½ p.c. is already being levied without any benefit of water supply or drainage being given, may not be proper or just. Further no increased levy is necessary just at present. The proposed water supply from Nethravathi river is still in the stage of estimate being prepared. Even when the work is started it will take not less than 5 years for the completing of the same and consequently the cost will be spread over at least 5 years. The present water and drainage fund as also the annual income from the water and drainage tax will be enough to meet the

instalment and interest of the loan to be granted to the Municipality for payment of its share of the cost. The question of maintenance cost will come in only after 2 or 3 years.

The council is fully agreeable to raise the water and drainage tax from 4½ p.c. to 8 p.c. but under the circumstances stated above as it is neither necessary nor proper to actually levy the tax just now to the actual levy of the same may be kindly deferred till the work of water supply actually starts

The council desires to add that as stated above the scheme of providing protected water supply to the Town has been under consideration for the last over 30years The matter is [illegible] delayed and postponed for one reason [illegible]. The people of the town have not only [illegible] and disappointment, but have also [illegible] that they are purposely neglected The council [illegible] requests the Government to expedite the beginning of the work and give the town the protected water supply which is long overdue.

Mangalore,
D/12-5-52.

(sd) S.Narsappaya

(d) L.C.Pais

-:TRUE COPY:-

Municipal Office, Mangalore,
Dated the 17th May 1952.

M. [illegible]
COMMISSIONER
MANGALORE MUNICIPALITY.

H/17-V.compd.

41

Health(W2)

N. S and D - Tax. Mangalore
mcly. W.S. scheme - Increase
W and D tax.

pp 1-9 c.f.

Ref: from the Commr. Mangalore mcly -
A1. 14827/51 dt 14.5.52.

Memo No: 25910 W2/52-1 dt 18.6.52
Referred to the C.E(P.H) for
urgent remarks. The reply should
~~submitted~~ through the J.L.B.

J.
The C.E(P.H)
(with c.f. in reply
to be returned
with reply
copy to the J.L.B.

Sanitary Engineering Branch (P.W.D.)

From
Sri S. Rajagopalan, B.E., M.I.E.,
Sanitary Engineer,
Chepauk, Madras.

To
The Chief Engineer, ~~P.W.D.~~
(Public Health)
Chepauk, Madras.

No. 15899-W1/52-1 WS dated 11-8-1952.

Sir,

52711

Sub: Water Supply and Drainage - Tax - Mangalore Municipality - Water Supply Scheme - Increase of water and drainage tax.

Ref: Chief Engineer (PH) Endorsement No. 1336 PH/52-1 dated 27th June 1952.

.....

The estimated cost of the revised scheme with the Netravati source is about Rs.82.5 lakhs as forecast in the final Investigation report (vide this office ~~No.~~ Camp no 11 dated 27-5-52 The need for the Municipal Council to raise its Water and drainage tax to 9 % will be felt almost with immediate effect as a third of the total quantity of the pipes required for the pumping main for this scheme has already been imported from Germany as an earnest of the quick completion of the scheme and a proposal with a programme for completing this Netravati scheme by 1955 has also been sent up for the consideration and orders of Government. There is therefore no reason for the Municipality to feel disheartened as if the prosecution of this scheme has been slowed down in any manner. The change over to the Netravati source would also result in a saving of Rs.10-lakhs in the overall cost of the scheme. Now that C.I.pipes for the value of over Rs.10 lakhs are already being received at Mangalore and the tempo of the work on the execution of the scheme will increase from this year, it is advisable for the Municipal Council to start forthwith levying the additional figure of the Water and Drainage tax as advised by the Government so that the progress of the execution of the scheme may not suffer in any way.

13/8/52

For Sanitary Engineer.

Enclosure:-
M.C.'s letters and its enclosures (5 sheets)

vr/12.8.

45

Office of the Chief Engineer, P.W.D.
(General), Chepauk, Madras.

Endorsement No. 1336 P.H./52-2 Dated 26th August 1952.

From the Sanitary Engineer No. 15899/W1/52-1 WS. dated 11-8-1952.

Sub: Water Supply and Drainage - Tax - Mangalore Municipality - Water upply Scheme - Increase of Water and Drainage Tax

---

P-9-ante. Copy submitted to Government with reference to Government Memo. No.25910 W2/52-1 Dated 18-6-1952.

2. A copy of the Sanitary Engineer's letter No. Camp: 11 dated 27-5-1952, referred to in his letter read above, has been submitted to Government with my remarks in this office letter No.933 P.H./52-1 dated 3-7-1952. A copy of his letter No.Camp.12 dated 28-5-1952 drawing up a three year programme for the execution of this scheme has been forwarded to Government in this office letter No.933 P.H./52-3 dated 3-7-1952. It has been stated therein that 1/3 of the quantity of pipes required for the pumping main was already received and the balance quantity would be arranged to be obtained from foreign countries at the appropriate stage. In his letter read above, the Sanitary Engineer states that the pipes received are worth more than Rs.10 lakhs and that the tempo of the work in the execution of the schem will increase from this year. In view of these facts, I consider that as already stated in my letter No.933 P.H./52-3 dated 3-7-1952 this scheme can be arranged to be completed in 3 years as far as it could be foreseen now.

P.T.O.

3. In these circumstances, there is no reason at present from the Municipality to be diffident about the completion of this scheme and it may be advised to levy increased taxation, as advised by Government, forthwith.

27/8/52

Public Health.

To

The Secretary to Government, Health Department,
THROUGH the Inspector of Municipal Councils and Local Boards, Madras,
with a copy of Sanitary Engineer's letter dated 11-8-52.

MS/26-8

From the Health Department Memo.No.31157 W2/52-4 Health dated 18-11-1952.

46(a)

Sub: Water Supply and Drainage schemes - Programme of execution.

Ref: From the Chief Engineer (PH) No.933 PH, 52-3, dated 3-7-1952.

The Chief Engineer (Public Health) is requested to furnish a list in the following form, of the sanctioned water supply and Drainage Schemes in the State.

List I Water Supply Schemes.

Schemes.	Total cost.	Govt.share Expr.in each of the three year from					
		1952-53.		1953-54.		1954-55.	
		Grant	Loan	Grant	Loan	Grant-Loan	Grant Loan.

List II Drainage Schems.

Scheme	Total cost	Govt's share Expr.in each of the three years from					
		1952-53		1953-54		1954-55.	
		Grant	Loan	Grant	Loan	Grant	Loan.
Grant loan.							

S. R, Kaiwar,
Secretary to Government.

To
The Chief Engineer (Public Health).

(True Copy)
H. Ramachandran
17.2.53

SPECIAL.

47

PUBLIC WORKS DEPARTMENT.

From Sri T.S. Venkatarama Aygar, B.E., M.I.E.(Ind.), I.S.E., Chief Engineer, P.W.D.(General & Buildings), Chepauk, Madras.

To The Secretary to Government, Health Department, Fort St.George, Madras.

****

LETTER No. 933 PH/52-9 d/ 19th January 1953.

Sir,

Sub: Water Supply and Drainage Schemes - Programme of execution - Particulars of loans and grants- Expenditure figures from 1952-53 to 1954-55.

3470 P.46(a) ante

Ref: Government Memo No.31157 W2/52-4 Health dt.18-11-52.

I enclose herewith a copy of the Sanitary Engineer's letter No.28497 G/52-1 dt.7-1-1953 and blue print copies showing the particulars called for in the Government Memo under reference. I agree with the Sanitary Engineer in the difficulty experienced by him in furnishing the figures of grant and loan in respect of many schemes included in the statement. In this connection I invite attention to the references noted on the margin* regarding the administrative approval of Government to the plans and estimates referred to in para 6 of the Sanitary Engineer's letter.

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1) My D.O.letter No.220 PH/52-2 d/22-9-52.
2) Govt.D.O.No.45398 W2/52-2 dt.14-10-52.
3) My D.O.No.220 PH/52-4 dt.18-12-52, and
4) GovtD.O.No.62080 W2/52-1 dt.30-12-52.

for Chief Engineer, P.W.D.(Genl.& Bldgs).

Encls:...

~~L/R~~

Encls: Copy of Sany.Engr.'s letter
No.28497 G/52-1
dt.7-1-53 and one blue prin...

VB/19-1.

Sri S. Balaga[illegible]la, B.
Sanitary Engineer
Chepauk, MADRAS.

No. 28497-S/52-1 dated

Sir,

Sub: Water Supply and Drainage Schemes
Programme of execution.

16(a) Ref: Government memo No. 31157-W2/52-4 Health D/18-11-
Chief Engineer's Endorsement No. 933-PH/52-8 date
24-11-1952.

(S) I enclose blue print copies in duplicate of state
separately for water supply and drainage schemes, showing
particulars of cost of schemes as sanctioned, expenditure
incurred and the probable expenditure spread over the 3 ye
1952-53, 1953-54 and 1954-55. The statement has been got
in a comprehensive and self-contained manner so that the
in respect of each scheme, water supply or drainage, coul
assessed at a glance. Although the Government memo under
calls for particulars only in respect of some of the columns
contained in the statement, the other columns included in th
statement will serve to give the additional information
necessary to understand the exact position at present and
future commitments in regard to particular schemes.

The figures for Government grant or period of
years referred to will have to be [illegible] while sanctioning
financing as decided by the Gove[illegible] be so derived they hav
scheme. Wherever the fig[illegible] schemes. But the posit
shown against the [illegible] of many of the schemes for
explained below

(i) In cases where a sanctioned scheme had to be
favour of a new scheme like Mangalore Water Supply,
some expenditure has been incurred in respect of th
scheme, and also in respect of the new scheme, Gove
sanction to the new scheme has to be awaited befor
could be furnished

(ii) In the case of additional work which sho
part of the sanc[illegible]ed schemes but which [illegible] omit
for some reason or oth[illegible]e.g., the link up
(X) S alem-Mettur Water Supply [illegible]me and treatm
removal in the case of Kozhikode [illegible]r Supply,
financing of these additional works has not yet
and so the figures of grant and loan for the th
respect of these schemes cannot be furnished.

(iii) In the case of major schemes in
amount of sanctioned estimate has been exce
in rates and other factors-like Guntur Water
(2) Coimbatore Water Supply duplication of grav
Mettur Water Supply Scheme, Coimbatore Dra
the method of financing the scheme in regar
the sanctioned estimate could be known only
sanction the revised estimate. In respec
the allocation of Government grant or loan
in question cannot be furnished now.

(iv) Schemes like Guntakal Water Suppl
Supply, where the first stage alone has
second stage is pending sanction, are
They are however to be considered as i
to the Government since the further st

Mark the [illegible] Schemes below. Some of them have been sanctioned [illegible] file is pending vide p. 7 NF

[illegible] invited in 4068 # sanctg. 29.12.52 — improvement stage & improvement Rs. 4 lakhs needs — has met from rd. funds. (X) orders invited in Ano. 2474 sanctg. 21-1-53 estimate for Rs. 4.4 lakhs. (½ half grant ½ half loan basis).

(1) file is pending.
(2) orders issued in G.O. 139 H sanctg. the 8.1.53 scheme for Rs. 12.86 lacs rd. Funds 2.33 lacs Govt. loan 10.53 " 12.86 "
(3) Revised estimate [illegible] under scrutiny by S.E.
(4) R.E. under scrutiny by S.E.

[redacted] scheme[redacted] for execution by the [redacted] programme of expenditure for [redacted] year in the manner required now [redacted] sanctioned by Government.

[redacted] subject to [redacted] remarks [redacted] commitments in regard to the schemes sanctioned above the financial would be as under:--

	(a) Total cost of schemes as sanctioned.	(b) Total expenditure incurred so far.	(c) Balance to be ~~sent~~ Spent
1. Water Supply Schemes.	Rs. 3,53,31,345/-	Rs. 2,35,07,907/-	As Government grant Rs.78,18,032/- As loan: Rs.36,09,400/-. From Municipal funds Rs.29,44,451/-.
2. Drainage Schemes:			
The corresponding figures are as follows:--			
	Rs. 50,83,000/-	Rs. 40.92,134/-.	As Government grant: Rs. 5,86,042/-. As loan: Rs. 70,481/-

Note:

1. The total of the figures under (c) will be more than the difference between (a) and (b) as the expenditure in respect of some of the schemes in progress would have exceeded the sanctioned estimates pending sanction to revised estimates. The figures of balance noted in column 17 of the statement are not taken into account in this connection.

2. In as much as the figures for grant and loan against schemes cannot be furnished for the reasons explained in respect figures under [redacted] 8 and 9 of the statement in to grant and loan for all the schemes put together may be [redacted] the commitments of Government against the [redacted] schemes so far. These figures are about Rs. 1.15 crores [redacted] apply schemes in progress and about Rs. 6.57 lakhs [redacted] age schemes. These figures are likely to be [redacted] when the revised estimate for some of the [redacted] ss are sanctioned and thereby additional commitments [redacted] he Government by way of grant and loan on such [redacted] oned estimates. Including approximate figures [redacted] such additional commitments we may assume a total [redacted] s. 1.5 crores as representing the Government's [redacted] nt and loan towards the schemes [redacted] ted in [redacted]

[redacted] e of Rs. 1.5 crores representing Government [redacted] loan will have to be distributed over the [redacted] until they are completed. It will be seen from [redacted] t some of the schemes may not be completed within [redacted] t extended for one or two or more years thereafter. [redacted] otal commitment to Government of Rs. 1.5 crores [redacted] read over not only the 3 years 1952-53, 1953-54 [redacted] lso over the next year or two in respect of some

6. In this connection I wish to point out that the execution programme has been held up during the past few months for want of sanction to many of the schemes for which plans and estimates have been submitted. The following are some of them.

(1) Mangalore Water Supply
(2) Cuddalore Water Supply Improvements;
(3) Guntakal Water Supply II Stage;
(4) Hindupur Water Supply - II Stage;
(5) Tiruvettipuram Water Supply;
(6) Thindivanam Water supply;
(7) Tirunelveli Water Supply;
(8) Tirupathi Water Supply;
(9) Peddapuram Water Supply;
(10) Vizagapatam Water Supply Improvements;
(11) Kozhikode Water Supply Improvements;
(12) Salem link-up main and
(13) Kumbakonam Drainage etc.

As explained by me already, the workload in the Public Health Divisions under the reorganised set up could be pitched up to about Rs. 75/-lakhs per year now and can be gradually increased also in the next year. Some of the schemes yet to be sanctioned will have to be spread over a period of 3 to 5 years each, if not more depending on the magnitude of the scheme. So long as the expenditure yearwise is going to be limited to some Rs. 80 to 100 lakhs (including Government grant, loan and Municipal funds) a number of additional schemes can be sanctioned and taken up for execution, keeping up an even pace.

7.1.57

CS/7-1. for Sanitary Engineer.

Encl: 6/7.1.57

11/1/57 B.P. Copies of statements(in duplicate).

Health(W2)

Submitted that the file C.No 31157/52 was with another file C.No 60460/52 and sent to Finance Ho on 15/12/1952. The files have not been received back so far. Finance has been reminded on 19-1-53. This may, therefore, lie ... till the return of the files or till 30-1-53, whichever is earlier.

SO
20/1/53.

SO
23.1.53

S/S
23/1/53

The papers may continue to L.O. till 25.2.53 or till the receipt of the file ~~from~~ from Fin whichever is earlier. Fin is being reminded separately.

SO
5.2.53.

S/S
6.2.53

W 52

Public works Department.

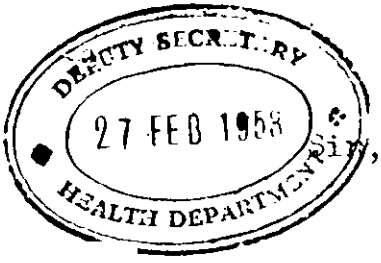
From

Sri T.S.Venkatarama Ayyar, B.E.,M.I.E.(Ind.),I.S.E.,
Chief Engineer,PWD(General and Buildings),
Chepauk, Madras.5.

10001

To

The Secretary to Government,
Health Department.



Letter No.4730 PH/52-2 dated 23-2-1953.

MANGALORE WATER SUPPLY SCHEME - Netravathi Source - Administrative approval.

***

Ref:This office letter No.933 PH/52-1 dated 3-7-52 and correspondence resting with Government Memorandum No.31157 W2/52-2 Health dated 8-8-52.

-- --

With reference to Government Memorandum dated 8-8-52 cited above, I have to state that the Sanitary Engineer has submitted for my technical sanction detailed plans and estimates for the work relating to the pumping main so that the 20,000' of 20" C.I.Pipes purchased with reference to Government Memorandum Nos.62426 W2/51 Health dated 29-2-52 could be laid during the working season of 1953. As my technical sanction could not be accorded pending receipt of the Administrative approval of Government for the full scheme sought for in this office letter dated 3-7-52 cited above I request that approval of Government may be obtained and communicated to me very urgently so as not to lose the working season of 1953 in pushing through the work. I have also asked the Sanitary Engineer to invite tenders for the work and make the necessary preliminaries for executing the work without any financial commitment in the hope that the Government sanction would be obtained quickly. I request early orders of Government in the matter.

for Chief Engineer,PWD General and Buildings.

vts.24.2,

original draft
not approved
by Secy
NOT to issue

55

C. No. 31157/52.

Health Dept. (Ho2)

P1 cf

From the C.E. (P.H), Letter No: 933 P.H/52-1, dated 3.7.52,

P 53 cf

From the C.E. P.W.D (Cg(CB)), Letter No: 4730 P.H/52-2, Dt 23.2.

Subs:- Water Supply & Drainage - Water Supply - Mangalore City - Netravathi Source - Administrative approval.

Memo No.

The C.E. P.W.D (Cg(CB)) is requested to State whether the pipes obtained for the Mangalore Water Supply Scheme referred to in the letters cited can be transferred to other Schemes with economy. He is also requested to report how much worth of pipes have so far been purchased for the Scheme and how many miles of pipelines they constitute.

A on P 12 nf.

To: City's note on P13nf

2nd E.P.W.D (Cg(CB))

Madras-5.

(with a Copy for the S.E).

5.3.53. 5/3/53.

5/3/53

Revised draft. Not approved by M(H) not to issue

No. 3157/52. Health Dept (W2)

Memo No.

p. 1 of
p. 53 of

From the C.E.(P.H), Letter No. 933 P.H/52-1, dated 3.7.52
From the C.E. P.W.D (C&B), Letter No. 4730 P.H/52-2, dt 23.2.

Subj:- Water Supply ~~& Drainage – Water Supply~~ – Mangalore City – Nethravathi Source – Administrative approval.

~~Reference~~

The C.E., P.W.D. (Coal & Bldgs) is informed that under the present financial conditions it will not be possible to provide more than Rs. 25 to 30 lakhs a year for urban water supply and drainage schemes. It is, therefore, necessary to defer as far as possible all new commitments and to review and reduce even the existing commitments. In this view it is considered that though in respect of the Mangalore Water Supply Scheme, commitments have been entered into by way of sanctioning the purchase of pipes it will be necessary to go ahead with the Scheme, only if the pipes obtained for it cannot be transferred to other schemes with economy.

The C.E. is, therefore, requested to consider and report whether the pipes now in Mangalore may be transferred to other schemes without wasteful outlay and much additional expenditure.

He may also state how much worth of pipes have actually been purchased for the Scheme and how many miles of pipe-line they will constitute.

Secy's note on p. 12 ante

Secy's note on p. 13 ante

To the C.E., P.W.D. (C&B.) in duplicate – (one copy for Sanitary Engr.)

MG 6/3/53

SAS 6/3/53

SRK 6/3/53

Notes

PROTECTED WATER SUPPLY TO MANGALORE TOWN, SOUTH KANARA DISTRICT.

With a polulation of over 100,000 Mangalore has neither protected water supply nor drainage and both these are urgent necessities.

A scheme for protected water supply to Mangalore at a cost of Rs.48 lkhs was sanctioned by the Government in 1948. The first stage of the work was started and about Rs.90.000 spent over this. It was then discovered that the water was unfit for human consumption due to excessive iron contents and this scheme had to be given up at a loss of the above amount.

A fresh scheme with Netravathi River has the source of supply was ordered to be investigated and the Engineering Department investigated this and prepared a final estimated at about Rs.86 lakhs. This scheme with the estimate is awaiting the sanctioning of the Government The Municipality under orders of the Government has already raised the tax to 25% the maximum leviable for the sake of this amnety which the people of the town are very anxious to get. The scheme may be kindly sanctioned and work ordered to be commenced immediately.

SUPPLY OF ELECTRIC POWER TO SOUTH KANARA FROM JOG.

Supply of large scale power to South Kanara is an imperative necessity both for agriculture and industry. It is not possible to supply power from Pykara as it is too far off.

The Jog power station in Mysore is on the borders of South Kanara and in fact three or four villages of South Kanara have been handed over to Mysore State for Jog Scheme.

Negotiations have been going on since about 1948 for supply of power to South Kanara from Jog Power Station. The Mysore Government has agreed to supply 6000 Kw. of power and all the terms have been practically agreed between the two governments. But still the agreement has been signed and there seems to be some hitch over the wording of the agreement, with reference to the words 'tax' and 'surcharge'. The distinction is without difference but each Government seems to stick on to the terms of its draft and does not agree to the terms of the other draft. The people of South Kanara are very much agitated over this and there is a feeling of frustration and helplessness - a feeling that nobody looks after their interest. The terms of the draft may be looked into and got signed, if necessary, after a discussion with Mysore Government at Ministerial level.

TENANCY REFORM IN SOUTH KANARA.

Unlike other districts the tenancy of South Kanara is simple. Except for a few instances of permanent leases (Mulgeni) and Term leases (Vaidegeni) the bulk of the Agricultural tenents are chalgeni tenants - that is tenants who hold the property ona year by year lease at a rent agreed to be paid, mostly in kind. There is no crop-sharing, nor the landlord advances anything for cultivation. The entire responsibility and expense of cultivation is that of the tenant and the tenant is liable to pay the rent agreed upon irrespective of other factors. The rate of rent depends on the situation of land. While it is high on the costal belt it is not so high in the interior.

All that the tenants ask for is fixity of tenure so long as they pay fair rent regularly and in case of dispute regarding the fair rent, power to the Revenue Divisional Officer, to fix fair rent due regard being had to the produce of the land, or the rent prior to 1940, whichever is lower. Power may be reserved to landlords to obtain possession for their personal cultivation. The landlords also are not against this kind of legislation as most of them are absentee landlord particular only about their rent.

SECRETARY
10 DEC 1952
DEPARTMENT

Security of tenure will give the tenant a great incentive for improvement of the land and for more production of food. Security of tenure is already given to tenants in the adjoining Districts of Malabar and denial of the same in South Kanara will lead to great dissatisfaction among the tenants. The tenants are intelligent though not educated and they who form the village population have been resisting communism hitherto and they may not do so for long unless some security be given to them, and they are made to feel that the Congress Government is having their interest also in mind. Legislation on the model of the House Rent Control Act may be kindly passed to protect the tenants.

Madras
8.12.52

Gyarsapaya. M.L.C

60460

Health Department.

pp 1-3 ante

1 p 1 ante

Note dated 8-12-1952 of Sri S.Narasapayya, M.L.C.

Chief Minister's minute. "Health - As I am visiting Mangalore and people there will raise these points it would be useful if I have notes prepared on these matters. C.R(ajagopalachari) 8-12-52."

Extracts relating to 'Supply of Electric Power to South Kanara from Jog' and 'Tenancy reform in South Kanara' have been given to P.W. and Rev. Depts. respectively.

2. Please put up a note regarding 'Protected Water Supply to Mangalore Town'.

Special.

SRK.
10.12.52

D.S.

W Immediate
SRS
10/12/52

A note on the water supply scheme for Mangalore is placed below.

11.12.52.

SRS
11.12.52

The scheme is urgent; and there is strong local feeling. The Mepl Council is willing to bear themselves to the hilt.

AA

Finn Secy has suggested we should get an estimate of the amounts reqd to complete the other schemes already taken up so that Govt will know how much they are

B

64

60460

are committed to before embarking on this scheme. However, this is a scheme in which commitments have been undertaken, tips ordered etc. This Dept will press for this scheme being accomodated somehow among our commitments. BB

(It is also pointed out that Govt Health has no interest in S.Kanara in general or Mangalore in particular and does not belong to Mangalore, inspite of the widely prevalent view held among some people.)

S.R.Kaiwar
11.12.52

M(H) a copy of the note may be sent to me for my use.
Secretary
12/12

A copy of the note is being submitted to M(H) separately.
12/12/52

C.M. What is Francis's view? Advice is then by AA & BB
[illegible]
13.12.52

SECRETARY
13 DEC 1952
HEALTH DEPARTMENT

Health

To be sent to him with our main file SRK 13.12.52 DS.

Pl Refer to Lib

Submitted that in list of priority of water supply schemes drawn up by the Water Supply and Drainage Committee constituted in 1947 and approved by Government in 1949, the Water Supply Scheme for Mangalore has been given the first place in list I new schemes in Southern Circle. According to the Five Year Plan of this State approved in G.O.No.2503, P.H., dated 18-7-1949, this scheme was scheduled to be taken up for execution in 1949-50, the first year of the Five Year Plan. According to the Govt. policy relating to water supply and drainage schemes in the State announced in G.O.Ms.No.1488, P.H., dated 25-4-1949, this scheme should have been taken up for investigation and execution irrespective of the financial resources of the Mty. as it was given the first place in the priority list drawn up by the Water Supply and Drainage Committee.

May be sent to Finance with the main file linked below with reference to the minutes of C.M. on p.6 ante.

15.12.52

15725

Health Do. No. 60260-W2-52-1
15.12.52

ADDITIONAL DEPUTY SECRETARY TO GOVERNMENT
094305
15 DEC 1952
FINANCE DEPARTMENT

file received from A.S on 13-3-53

Finance (Exp.A):

Pl. see the notes of Health and the minutes of C.M on pp.5-7 above.

~~2. Attention is also invited to the Secretary's remarks on p.7 c.f. in l.f.~~

2. In G.O.Ms.32 Health d. 3-1-1952, the Government directed the C.E. to collect full particulars for the preparation of detailed plans and estimates for the revised Water Supply Scheme of the Municipality. ~~Copy at A.~~

On 6-2-1952, the Cabinet approved the proposal for the sanction of a loan of Rs 5.9 lakhs to the Municipal Council towards the purchase of C I.Pipes in advance of the preparation of plans and estimates - vide p.47 c.f. of G.O.2621 Health d. 13-8-1952.

A provision of Rs 2.5 lakhs has been included in the Budget for 1952-53 for loan to the Municipality for the purpose; and this loan has been raised to Rs 8 lakhs and the application for the loan has been ordered to be published. It is proposed to provide the addl. sum in the course of the year.

The Municipal Council has agreed to raise the Water ~~Supply~~ and Drainage Tax as suggested by the Government

3. The general question referred to by Health Secretary at B on p.5 above has since been examined. Secretary has remarked as follows on the Mangalore Water Supply Scheme:

> 'It is true that we have already entered into commitments on the Mangalore W.S.Scheme by ordering the necessary pipes. If the pipes cannot be transferred to other Schemes with economy, then we may have to go ahead with this scheme. Orders in circulation may be taken'.

The above note covers the points raised by C.M. on p.6 above. The case may be returned to Health.

DEPUTY SECRETARY 20 MAR 1953 14186 HEALTH DEPARTMENT

17.3.53

This file may perhaps be closed. The question is being dealt with on the file of Health Dept

(P.T.)

Healt Dept (W2)

Please See the notes of this Dept at pp 4-7 ante and the Remarks of the Fin Dept there on at p8 ante. It may be submitted that the main file dealing with the Revised Scheme water-Supply Scheme for the Mangalore City with Nethravathi River as Source, was sent to Fin Dept with this Dept Lr no. 3115/W2/52-7, Healt, dated 9.3.53, and it has not so far been returned with Reference to the Remarks of Fin Secretary at portion marked X on p8 ante (below) no Separate action seems called for on this. For orders whether the papers may now be ~~Lodged~~ filed in due course with the main file on its return from Fin.

21.3.53.

21/3/53

SK
23.3.53

Health (W) Deptt.

Sub: Water Supply and Drainage - Water Supply - Mangalore Municipality - Revised Scheme with Nethravathi River as source.

In May 1949, the Government sanctioned the plans and estimates amounting to Rs.3.15 lakhs for the work of infiltration gallery and suction well forming the first stage of the composite water supply scheme for the Mangalore Municipality with Gurpur River as the source. ~~They also sanctioned~~ The investigation was done as part of the first stage of the scheme ~~execution~~

2. When the infiltration gallery and the suction well works were ~~being~~ executed and an expenditure of about Rs.65,000 had been incurred, it was found that the yield of the water was very poor and the quality of water was defective, and therefore, the Government directed in January 1952 that the work may be abandoned. ~~and~~ The Chief Engineer was requested to prepare detailed plans and estimates for a revised water supply scheme for Mangalore Municipality with Nethravathi River as source.

3. The Chief Engineer (Public Health) has submitted an approximate estimate of Rs.82.85 lakhs for the revised water supply scheme and has requested that administrative approval may be accorded to the approximate estimate and that he may be permitted to accord technical sanction to each sub-work of the scheme

as and when plans and estimates are ready.

4. The revised water supply scheme is estimated to cost approximately Rs.82.85 lakhs to instal with annual maintenance charges ranging from 1.23 lakhs in 1966 to Rs.1.66 lakhs in 1981. The method of financing the scheme has to be decided with reference to the revised financial policy of Government, according to which Government should meet that portion of the capital cost which the Municipal Council cannot meet even after utilising the maximum surplus funds it can find from its Water Supply and Drainage Fund and also by taking the maximum amount ~~and the~~ loan which it can finance by levying water and drainage tax at a rate considered suitable by Government. It is found that the Municipal Council, Mangalore, can find at present a sum of Rs.4.11 lakhs only from its own resources towards the capital cost of the scheme. The Council should raise the rate of water and drainage tax levied in the Municipality from ~~4½~~% to 9% per annum with a view to finance a loan of Rs.25.5 lakhs towards its share of the capital cost of the Scheme and also meet the annual maintenance charges. The Council has ~~since~~ agreed to raise the rate of water and drainage tax as suggested ~~above~~ by Govt.

5. The Chief Engineer has recommended that the programme of execution of the entire scheme consisting of six stages, may be spread over a period of 3 years, which will mean that the entire cost of

of Rs.82.85 lakhs should be found in the course of 3 years at the rate of Rs.27.6 lakhs, every year, approximately.

6. The question of sanctioning the proposal of the Chief Engineer regarding the grant of administrative approval to the approximate estimate and permitting him to accord technical sanction to each sub-work of the scheme as and when plans and estimates are ready, is under consideration. Meanwhile particulars have been called for from the C.E., for ~~regarding the question of~~ assessing the existing commitments on such schemes in the State made by the Government before issuing orders on the proposal. The particulars are awaited.

7. In February 1952, the Govt. approved the proposal of the Chief Engr. to purchase C.I. pipes worth ~~of~~ Rs.10 lakhs required for the revised water supply scheme, in advance of the preparation of plans and estimates. The Sany. Engr. has also placed orders with a Calcutta Firm for the supply in 1952-53, of 20,000 feet of 20" diameter 'C' Class spun iron pipes, costing Rs.10 lakhs for the scheme.

8. A provision for a loan of Rs.5.9 lakhs towards the purchase of the pipes referred to above has been included in the Budget Estimate for 1952-53. but on the recommendation of the CE for a large amount, orders have been issued on 9-12-1952 for the publication of the loan application of the Municipal Council for a loan of Rs.8 lakhs in the current year.

11.12.52 11.12.52 9-12-52

Finance (Exp A)

Special

Sub: Water Supply and Drainage Scheme -- Mangalore Water Supply Scheme -- Purchase of pipes etc.

For A.S., Health.

The papers containing the original discussions in 1949-50 in connection with a proposal to place orders for the purchase of pipes, fittings etc. required for the execution of the Mangalore Water Supply Scheme are required immediately for reference in this department.

2. The discussions referred to arose in connection with a circular reference from the Govt. of India, Ministry of Economic Affairs, to all State Governments, suggesting the advisability of purchasing and stocking necessary steel, iron and pipes and other fittings in view of the disturbing conditions in Foreign Affairs.

3. As the papers could not be obtained informally it is requested that a search may be caused and the papers put up very urgently.

Health

Dev. (D) Dept

Please see the notes of the Fin., department above. A search has been made in the personal registers and stock files. The Govt. of India's letter mentioned in para 2 of the Finance department's note above was not received in this department; it is likely that the letter might have been received in the Dev., Dept.

2. As for the discussions in connection with the proposal for the purchase of pipes, fittings etc., required for the execution of the Mangalore water-supply schemes, attention is invited to the notes on pages 1-6 N.F. including the minutes of M(Health), the note for the Cabinet and the orders of the Cabinet at pp.45-47 c.f. and the orders at pages 77-78 c.f. of G.O. 2621 Health dated 13-8-52.

14

In 1949 the proposal for getting materials required for the execution of water-supply and drainage schemes of the State such as C.I. pipes, cement etc. in bulk quantities was considered. The Cabinet at its meeting held in June 1949 approved the proposal for the bulk purchase from abroad of pipes etc. costing Rs.22.5 lakhs and for addressing the Govt. of India for the release of sterling or dollars necessary and for the waiver of import duty on these materials - vide pp. 32-33 N.F. and pp.29-30 c.f. of G.O. 3748 P.H. dated 3-11-50. (A) 32-33 NF (A)

It is presumed that the Fin., department refers to the papers ~~referred to above~~ in the above G.O. No other papers are easily traceable.

The file may be returned to Fin., u.o.

SA 26.12.52

SAS

26/12/52

Fin

Health Dept. No 62271-W2-1

26/12/52

Fin (FA)

No action is called for. Make entries in the file. May be returned to Health.

14/3/53

14/3/53

17.3.53 Health

DEPUTY SECRETARY 1118 20 MAR 1953 HEALTH DEPARTMENT

MK 20/3/53

Health Dept (W2)

May be ~~Lodged~~ filed with the papers in the top file.

21.3.53

21/3/53

SAS 23/3/53

SPECIAL: | Secy., Health:

Mangalore Water-supply scheme.

Has the sanction for execution of this work been given? Unless the work is begun immediately, it may not be possible to do any work during the rainy season i.e. June to October 1953.

SECRETARY
6 MAR 1953
11355
HEALTH DEPARTMENT

11499 Q

2. Guntur Medical College.

The extension scheme execution should be started now so that atleast some work may be done by the end of March.

3. Conference of senior members of the staff of the Medical Colleges.

What action has been taken in regard to the constitution of the committee proposed for considering the matters discussed at the Conference and for submitting an early report to the Govt.?

11500 Q

4 Mobile dispensary for rural medical relief.

I was told at the College of Indigenous Medicine last evening that they also would be soon starting a mobile unit just as the two medical colleges at Madras and the one at Visakhapatnam have done already. The Guntur Medical College also may be asked to consider the possibility of starting a similar mobile unit for rural medical relief work.

11501 H

MK
6/3/53

6/3/53
Minister (Health)

Health (W)

No. 11499-Q/53
11500 Q/53
11501-H/53

Copies of items 2, 3 and 4 above have been given to the concerned sections for necessary action.

Item 1: Mangalore Water Supply Scheme.

The main file on the subject has been

been circulated to M.(H.) and M.(Fin.) on 6.3.1953. This may be added to it on its return.

7/3/53

DA
7.3.53

Awaiting
of main file
from
30/3/

C.No.31157/52.

Health (W2) Deptt.

SUB: Water Supply - Mangalore Municipality - Revised Scheme with Nethravathi River as source - Approximate Estimate and Programme of execution - Sanctioned.

PP 1-15 cf.

REF: From the C.E.(P.H.), letter No.933 P.H./52-1, dated 3.7.52.

PP 17-22 cf.

From the C.E.(P.H.), letter No.933 P.H./52-3, dated 3.7.52.

PP 33-39 cf

From the Commr., Mangalore Mty., letter No.Ref. A1-14827/51, dated 14.5.52.

PP 25-27 cf

From the Commr., Mangalore Mty., letter No.C5-12537/52, dated 23.9.52.

P 53 cf

From the C.E., P.W.D.(G.&B.), letter No.4730 P.H. 52-2, dated 23.2.53.

Order (Ms.) No. 1304, Health, dated 7.4.53.

Not put up.

In G.O.(Ms.)No.1798, P.H., dated 16.5.49, the Govt. sanctioned the plans and estimates amounting to Rs.3.15 lakhs for the work of infiltration gallery and suction well forming the first stage of the a composite water supply scheme for the Mangalore Municipality with the Gurpur River as the source. They also sanctioned the execution of the first stage of the scheme.

Book vide Para 1 of P 81 cf (B)

PP 81-82 cf. (B)

2. On account of the poor yield and the defective quality of the water, the execution of the scheme was deferred, and in G.O.(Ms.)No.32, Health, dated 3.1.52, the Govt. directed the C.E. to collect full particulars for the preparation of detailed plans and estimates for a revised water supply scheme for the Mangalore Municipality with the Nethravathi River as source.

PP 1-15 cf

3. The C.E. has submitted an approximate estimate amounting to Rs.82.85 lakhs for the revised water supply scheme and has requested that administrative approval may be accorded to this estimate and that he may be permitted to accord technical sanction to each sub work of the scheme as and when plans and estimates therefor are ready.

PP 21-22 cf.

4. The following three years' programme ~~had~~ had been envisaged by the S.E. for the execution of the scheme:-

First stage:- (June to December 1952):

(a). Completion of Land acquisition for the Headworks, Filter Plant works etc. pp.21-22 c/f

(b) Placing indents for pipes required for the Distribution system on the I.S.D.

Second stage: (January 1953 to June 1953):

(a) Laying and jointing of 20,000' 20" pipes alread received for the pumping main.

(b) Placing orders for the import of 40,000' of 20" pipes required for the remaining length of the pumping main. — Do —

(c) Start execution of the component items in the Headworks including intake well, presettlement tanks etc.

(d) Place orders for low lift and high lift pumps at Headworks.

Third Stage: (June to December 1953):

(a) Receive imported pipes for the pumping main.

(b) Preliminary arrangements for starting filter works within the two

Fourth Stage: (January to June 1954): — Do —

(a) Laying and jointing of the pumping main and completing the full length.

(b) Completing the Headworks

(c) Construction of filter house, clear water reservoir etc.

(d) Laying trunk mains under the distribution system to the extent pipes are available.

Fifth Stage: (June to December 1954):

(a) Receive pipes for the distribution system and pumpsets and booster sets for the low lift and high lift stations and for distribution system. — Do —

(b) Lay sub-mains to the extent feasible.

Sixth Stage: (January to June 1955):

(a) Complete as much of the distribution system as possible and start giving a pilot supply.

(b) Proceed with the completion of the distribution system up to the end of 1955 as and when pipe quantities are delivered.

The C.E. has agreed to the above programme and has requested approval of the Govt. for it. Para 1 of p 17 c/f

5. The Mangalore Ml.Cl. which was consulted in the matter has accepted the revised scheme. On an examination of the financial position of the Council, it has been found that the Council has at its disposal, a sum of Rs.4.11 lakhs for meeting the capital cost of the pp 23-27 c/f Para 3 of pp 81-82 c/f (B).

scheme. The balance of the capital cost has been proposed to be met as follows:-

Government Grant	..	53.24 lakhs.
Government loan	..	25.50 lakhs.

The Municipal Council has also agreed to raise its present rate of water and drainage tax from 4½% per annum to 9% per annum from 1.4.53, with a view to meeting the annuity on the loan of Rs.25.5 lakhs mentioned above and also for meeting the annual maintenance charges. But the Govt. are now not in a position to grant a loan of Rs.25.5 lakhs to the Mangalore Municipal Council for the purpose. They, however, expect the Municipal Council to raise the necessary loan ~~in the open market~~ with the due permission of the Govt. in accordance with the orders in G.O.(Rt) No.1098, Health, dated 26.3.53.

6. In the above circumstances, the Govt. acco their administrative approval to the approximate estimate of Rs.82.85 lakhs for the Mangalore Water Supply Scheme with the Nethravathi River as source, and ~~##~~ permit the C.E., P.W.D.(Genl.& Buildings), to accord technical sanction to each sub-work of the scheme as and when the plans and estimates therefor are ready, subject to the condition that the total cost does not exceed Rs.82.85 lakhs.

7. The scheme will be executed by the Sanitary Engineering Branch of the P.W.D. in accordance with the three years' programme outlined in paragraph 4 above, the dates in the programme being altered to th extent necessary.

1-4-53

To
The C.E., P.W.D.(G.&.B.),
Madras.5.
(with a copy for S.E.).(with encl.).
The Commr., Mangalore Mty.
(thro' C.M.C.).
The A.G.(thro' Fin. Deptt.)
The Examr. of L.F.Accts., Madras.2.
Copy to the P.W.D. Deptt.
" Reserve Deptt.
" L.F. Deptt.
(2 Spares)

41113

File originated from GNo 2(5)/53-Health Dy

Dy(i) Memo 41115 H2-53. Health dt 29.7.53.

Rural water supply and Drainage Schemes

Programme for execution.

Ref: From the Chf, PHD (Geology), Kollam

no 676. PH. 52. 3 dt 19.5.53.

The attention of the Chf, PHD (Geology) is invited to para 3 of the letter cited wherein it is stated that the further programme referred to in para 5 of the Sanitary Engineer's letter no 16061-W4/52-1, dated 5-9-52 was submitted for the ground with the Chf's letter no 933. PH. 52. 9, dated 19-1-53.

As the

As this reference has not been received, the Ex. PWD (Electrical Wing), is requested to send a copy of it.

23.7.53

25/7/53

28/7/53

28/7/53

To
The Ex. PWD (Electrical Wing)
(Bangalore)

31/7/53

VERY URGENT.

Public Works Department.

From
Sri T.S.Venkatarama Ayyar,
B.E., M.I.E.,(Ind.), I.S.E.,
Chief Engineer, P.W.D.
(General & Buildings)
Chepauk, M a d r a s.

To
The Secretary to Government,
Health Department,
Fort St.George,
Madras.

DEPUTY SECRETARY
45261
20 AUG 1953
HEALTH DEPT.

Letter No. 674 PH/52-4 Dated 6th August 1953

Sub: Water Supply and Drainage Schemes - Programme for execution.

Ref:-Government Memo.No.41115 W2/531 H dated 29-7-53.

As desired in the Government Memo. referred to above, I forward herewith a copy of this Office letter No.933 PH/52-9 dated 19-1-53 together with copies of the enclosures thereto.

B. S. Narayanan
10.8.53

for Chief Engineer,P.W.D.(Gl.&Bldg.

Encl: 1)Copy of Chief Engineer's letter No.933 PH/52-9 dated 19-1-53.
2)Copy of Sanitary Engineer's letter No.28497 G/52-1 dated 7-1-53
3)A copy of list of schemes in blue print.

wda/8-8.

(C 4)

Copy of letter No.933 PH/52-9 dated 19-1-53 from the Chief Engineer, P.W.D.(General), Chepauk, Madras addressed to the Secretary to Government. Health Department, Madras.

Sub:-Water Supply and Drainage Schemes - Programme of execution - Particulars of loans and grants - Expenditure figures from 1952-53 to 1954-55.

Ref:-Government Memo.No.31157 W2/52-4 H. dated 18-11-52.

---

p-37 of 47(E)

I enclose herewith a copy of the Sanitary Engineer letter No.28497 G/52-1 dated 7-1-1953 and blue print copies showing the particulars called for in the Government Memo. under reference I agree with the Sanitary Engineer in the difficulty experienced by him, in furnishing the figures of grant and loan in respect of many schemes included in the State. In this connection I invite attention to the references noted on the margin* regarding the administrativ approval of Government to the plans and estimates referred to in para 6 of the Sanitary Engineer's letter.

(2)

* 1)My D.O.letter No.220 PH/52-2 dated 22-9-52.
2)Govt.D.O.No.45398 W2/52-2 dated 14-10-52.
3)My D.O.No.220 PH/52-4 dated 18-12-52.
4)Govt.D.O.No.62080 W2/52-1 dated 30-12-52.

Encls:Copy of Sanitary Engineer's letter No.28497-G/52-1 dated 7-1-53 and blue print.

(True copy)

p.t.o.

Copy of letter No.28497-G/52-1 dated 7-1-53 from the Sanitar Engineer,Madras addressed to the Chief Engineer,(Public Heal Madras.

Sub:-Water Supply and Drainage Schemes - Programme of execution.

Ref:-Government memo.No.31157-W2/52-4 Healtl dated 18-11-52 and Chief Engineer's Endt.No.933-PH/52-8 dated 24-11-1952.

I enclose blue print copies in duplicate of statements separately for water supply and drainage schemes, showing pa ticulars of cost of schemes as sanctioned, expenditure so far incurred and the probable expenditure spread over the 3 years 1952-53, 1953-54 and 1954-55. The statement has been got out in a comprehansive and self-contained manner so that the position in respect of each scheme, water supply or drainage; could be assessed at a glance. Although the Government memo under reply calls for particulars only in respect of some of the columns contained in the statement, the other columns included in the statement will serve to give the additional information necessary to understand the exact position at present and the future commitments in regard to particular schemes.

2. The figures for Government grant or loan for the three years referred to will have to be based on the method of financing as decided by the Government while sanctioning each scheme. Wherever the figures could be so derived they have been shown against the corresponding schemes. But the position is indefinite in respect of many of the schemes for the reasons explained below:--

(i)In cases where a sanctioned scheme had to be abandoned in favour of a new scheme like Mangalore Water Supply although some expenditure has been incurred in respect of the former scheme, and also in respect of the new scheme, Government sanction to the new scheme has to be awaited before the figures could be furnished.

(ii)In the case of additional works which shouldhave formed part of the sanctioned schemes but which got omitted therefrom for some reason or other- e.g., the link up main in the case of Salem-Mettur Water Supply Scheme and treatment works for iron removal in the case of Kozhikode Water Supply, the method of financing of these additional works has not yet been decided and so the figures of grant and loan for the three years in respect of these schemes cannot be furnished.

(iii)In the case of major schemes in progress where the amount of sanctioned estimate has been exceeded due to increase in rates and other factors -Klike Guntur Water Supply Scheme, Coimbatore Water Supply duplication of gravitation main, Salem - Mettur Water Supply Scheme, Coimbatore Drainage scheme etc. the method of financing the scheme in regard to the excess over the sanctioned estimate could be known only after the Government sanction the revised estimate. In respect of such schemes also the allocation of Government grant or loan for the three years in question cannot be furnished now.

(iv)Schemes like Guntakal Water Supply and Hindupur Water Supply, where the first stage alone has been completed and the second stage is pending sanction, are not shown in the list. They are however to be considered as inevitable commitments to the Government since the further stages of these schemes will have to be pushed through without a break so that the local bodies concerned may get the benefit of the scheme, a part of which had already been sanctioned for execution by the Government. All the same, the programme of expenditure for the three years cannot be given in the manner required now until the further stages are sanctioned by Gov ment.

Subject to the remarks as explained above

the financial commitments in regard to the schemes sanctioned and in progress would be as under:--

	(a)Total cost of schemes as sanctioned.	(b)Total expenditure incurred so far.	(c)Balance to be spen
	Rs.	Rs.	
1.Water Supply Schemes.	3,53,31,345/-	2,35,07,907/-	As Government Grant: Rs.78,18,032/- As loan: Rs.36,09,400/- From Municipal funds: Rs.29,44,451/-
2.Drainage Schemes: The corresponding figures are as	Rs. 50,83,500/-	Rs. 40,92,134/-	As Government Grant: Rs.5,86,042/- As loan: Rs.70,481/- From Municipal funds: Rs.5,48,429/-

Note:

The total of the figures under (c) will be more than the difference between (a) and (b) as the expenditure in respect of some of the schemes in progress would have exceeded the sanctioned estimate pending sanction to revised estimates. The figures of unspent balance noted in column 17 of the statement are not taken into account in this connection.

4. In as much as the figures for grant and loan against some of the schemes cannot be furnished for the reasons explained the total figures under column 8 and 9 of the statement in respect of grant and loan for all the schemes put together may be taken to represent the commitments of Government against the sanctioned schemes so far. These figures are about Rs.1.15 crores for all water supply schemes in progress and about Rs.6.57 lakhs in respect of drainage schemes. These figures are likely to be exceeded somewhat when the revised estimate for some of the schemes in progress are sanctioned and thereby additional commitments are incurred by the Government by way of grant and loan on such excess over sanctioned estimates. Including approximate figures at this stage for such additional commitments we may assume a total ~~commitments~~ figure of about Rs.1.5 crores as representing the Government's commitments as grant and loan towards ~~the~~ schemes listed in the statement.

5.This figure of ~~Rs~~ Rs. 1.5 crores representing Government share as grant and loan will have to be distributed over the several schemes until they are completed. It will be seen from the statement that some of the schemes may not be completed within 1954-55 but may get extended for one or two or more years thereafter. Accordingly the total commitment to Government of Rs.1.5 crores will have to be spread over not only the 3 years 1952-53, 1953-54 and 1954-55 but also over the next year or two in respect of some of the schemes.

6. In this connection I wish to point out that the execution programme has been held up during the past few months for want of sanction to many of the schemes for which plans and estimates have been submitted. The following are some of them.

(1)Mangalore Water Supply.
(2)Cuddalore Water Supply Improvements;
(3)Guntakal Water Supply II Stage

(4)Hindupur Water Supply - II Stage;
(5)Tiruvettipuram Water Supply;
(6)Thindivanam Water Supply;
(7)Tirunelveli Water Supply;
(8)Tirupathi Water Supply;
(9)Peddapuram Water Supply;
(10)Vizagapatam Water Supply Improvements;.
(11)Kozhikode Water Supply Improvements;
(12)~~Exxem~~
(13)Kumbakonam Drainage etc.

As explained by me already, the workload in the Public Health Divisions under the reorganised set up could be pitched up to about Rs.75/- lakhs per year now and can be gradually increased also in the next year. Some of the schemes yet to be sanctioned will have to be spread over a period of 3 to 5 years each, if not more depending on the magnitude of the scheme. So long as the expenditure yearwise is going to be limited to some Rs.80 to 100. lakhs (including Government grant, loan and Municipal funds) a number of additional schemes can be sanctioned and taken up for execution, keeping up an even pace.

(True copy)

wda/8-8.

Superintendent.

10/8/83

S/L Addl. Secy. H.E.&d.A

received 25/6/56

91

Mangalore, 16th June, 1956.

To

The Superintending Engineer,
Public Health,
Chepauk, Madras.

From:

The Residents of 19th Ward, Attawar,
Mangalore. S.K.

Sir,-

There is a 3" water main running near the Fire Station, on the Attawar Road leading up to Pandeswar Road. This water main has completely by-passed a large portion of the 19th Ward, which aught to have been included legitimately in the present scheme. The area now ommitted to be served by a water main has atleast about 75 to 100 houses, who experience acute water scarcity every year for two months during April and May. The majority of the wells in this area go dry during this period, and the Municipal authorities come to our rescue by supplying water in Municipal lorries during certain fixed hours of the day, and thus relieve the water shortage. This may be verified from the Municipal authorities. We feel, the locality can be properly served by laying a main on the loop road to the left hand side of the Fire Station leading to the Dispensary of Dr. Adappa, and connecting it up with the Attawar Road main, leading to Pandeshwar.

We, the residents of this locality request that the Government may be pleased to sanction this work and direct the local authorities to take it up immediately as the work on the Attawar Road is under execution now.

Yours faithfully,

A. S. Pai

Copy to the
Chairman,
Mangalore Municipality.

93

Cro bb795 46|56. ① bb795 46|56-1 Kalus D 25-6-56

My dear Frederick,

Subject :— Water Supply — Mangalore — Laying of a main — Petition by the residents of 19th ward, Attavar.

I am to enclose herewith a copy of the petition addressed to the Superintending Engineer (PH) by certain residents at Attavar, Mangalore and to request you to look into this matter immediately and report the action taken.

plq

Yours sincerely

To

Shri J.M. Frederick, BA, BE, I.S.E, 25/6/56
Chief Engineer, - PWD (GL)
Chepauk, Madras —
(with a copy of plq

CRO 25/6/56

25.6.56

95

Office of the Chief Engineer, PWD. (General), Chepauk, Madras 5.

D.O.No.4666 PH.1/55-16 dated 26th June 1956

Mgml -

This may be circulated to H(H) for favour

28.6.56

My dear Ghulam Mahmood,

Sub: Water Supply - Mangalore - Laying of a main - petition by the residents of 19th Ward, Attavar -

Refce. Your D.O.No.66795 H6/56-1 Health d/25-6-56

I am sending it to the Executive Engineer for his ~~inspection~~ and remarks. The distribution system will be modified to suit the local requirements as far as practicable.

Yours sincerely,

26.6.56

(J.M. FREDERICK)

68359.

To Sri K. Ghulam Mahmood, I.A.S.,
Additional Secretary to Government,
Health Education and Local
Administration Deptt.

p1-cf.
p13-cf
p-15-cf

Health (W) Deptt.

From the Commissioner, Mangalore Municipality, Al-14827/51, dated 14th May 1952.
From the Chief Engineer, (PUBLIC Health), Endt. No. 1336-PH/52-2, dated 26-8-1952.
From the I.L.B., N.Dis.52711/52, dated 17-9-1952.

WATER SUPPLY and Drainage - Water Supply - Mangalore Municipality - Enhancing water and drainage tax.

---

not part of proc. of Hon'ble H.M.(K)

In G.O.Ms.No.1798, P.H., dated 16-5-1949, the Government sanctioned the execution of the first stage of the composite water supply scheme for the Mangalore Municipality with Gurpur River as the source. On account of the defective quality and poor yield of the water the execution of the scheme was deferred and in G.O.Ms.No.32, Health, dated 3-1-1952, the Govt. directed the Chief Engineer (P.H.) to furnish full particulars for the preparation of detailed plans and estimates for a revised scheme of water supply for the Municipality with Nethravathi river as source. The revised scheme was estimated to cost Rs.80 lakhs roughl to instal with annual maintenance charges ranging from 1.23 lakhs in 1966 to Rs.1.66 lakhs in 1981. In that connection the Municipal Council was asked to raise the rate of water and drainage tax levied in the Mty. from 4½% to 9% p.a. in order to enable the Ml. Cl. to finance a loan of Rs.25.5 lakhs towards its share of the capital cost of the scheme and also to meet the annual maintenance charges on the scheme.

(K)
reserved for
Govt: 47943/52

Govt. in p1-(K)

ra 3 in p-1-(K)
reserved for
Govt 47035/52

2. The Municipal Council, Mangalore, in its resolution No.726 dated 12-5-1952 has expressed its willingness to raise the water and drainage tax from 4½% to 8% p.a. only on the ground that this will bring the total rate of property tax to 24% p.a. (i.e. 1% less than the conventional maximum of 25% p.a.) and that the margin of 1% is necessary to be reserved providing scope for future increase in any other tax. The Ml. Cl. has requested the Government to permit the

p-3-cf

2s-91b/-

to permit the Council to postpone the levy of the increase till the work of water supply actually starts. The reasons adduced by the Ml. Cl. in support of its request are at pp.5-7 c.f.

p-11-cf

3. The S.E. states that the pipes received for this scheme are worth more than Rs.10 lakhs and that the tempo of the execution from this year will increase. It is stated that the scheme can be arranged to be completed in three years. The C.E. states that the Council may be advised to give effect to the increase in the tax forthwith.

A p-12 cf

4. It is submitted that the question of according administrative approval to the abstract estimate amounting to Rs.82.85 lakhs for the revised scheme submitted by the C.E. is under consideration separately.

In that connection the Municipal Council, Mangalore has since expressed its willingness to raise the rate of water and drainage tax levied in the Mty. from 4½% to 9% p.a. with effect from 1-4-1953. The file has been sent to LA and Finance for remarks.

~~In the circumstances it is for consideration whether the Ml. Cl. should be asked to give effect to the increase in the tax immediately as suggested by the C.E. at (A) above.~~

CNo 31157/52 not yet up
file sent to LA/Fin
CNo 31157/52 not yet up

6-10-52.

The return of the file from L.A. & Fin may be awaited till 25-10-52.

10/10/52

14/10

The file referred to above has not yet returned from other departments. A draft two reminders is submitted for approval

26.10.52

27.10.52.

3

31157/52

Health Dept
(HO)

The Md. cl., Mangalore, has reconsidered the question of increasing the W.S&D tax from 4½% to 9% per annum subsequent to its resolution No. 726 dated 1.2.52 with reference to Govt. Memo. No. 31157-W2-52-2 dated 18.8.52 and it agreed to the above increase with effect from 1-4-53 in its resolution No. 1271 dated 17.9.52. No further action seems therefore necessary in the matter. The papers may be tabled into the linked file I

p3cf

p23cf in C.No. 31157/52 & F

p27cf in & F.

C.No. 31157/52

9.12.52

9.12.52

9/12/52

5

G.No.31157/W/52. Health(W) Dept

W.S.&.D. - Water-Supply - Mangalore Municipality - Revised Scheme with Nethravathi River as source - Programme of execution.

--

pp 1-22 cf.

From the C.E. (P.H.), No.933 PH/52-3, dated 3-7-1952

--

vide p1-(A)

In May 1949, the Government sanctioned the plans and estimates amounting to Rs.3.15 lakhs for the work of infiltration gallery and suction well forming the first stage of the composite water supply scheme for the Mangalore Municipality with Gurpur River as the source. They also sanctioned the execution of the first stage of the scheme.

para 2 (A)

para 2 on p1-(A)

2. On account of the poor yield and the defective quality of the water, the execution of the scheme has been deferred and in G.O.Ms. No.32, Health, dated 3-1-1952 the Government have directed the Chief Engineer to collect full particulars for the preparation of detailed plans and estimates for a revised water supply scheme for the Mangalore Municipality with Nethravathi River as source.

pp1 and 15 cf

para 3 on p1-cf.

3. The Chief Engineer (Public Health) has submitted an approximate estimate for Rs.2.85 lakhs for the revised water supply scheme and has requested that administrative approval may be accorded to the approximate estimate and that he may be permitted ~~to permit him~~ to accord technical sanction to each sub-work of the scheme as and when plans and estimates are ready, on the analogy of the case of Chittoor W.S.Scheme.

Normally Government accord administrative approval to a scheme only after detailed plans and estimates have been prepared. In the case of Chittoor W.S.Scheme, with a view to facilitate speedy execution of the scheme according to the programme, and in view of the acute water scarcity

in the town, the Government sanctioned, as a special case, the approximate estimate of Rs.14,25,000 for the Chittoor W.S.Scheme and permitted the C.E. to accord technical sanction to each sub-work of the scheme as and when plans and estimates are received from the S.E., subject to the condition that the total cost does not exceed Rs.14.25 lakhs. The Mangalore revised W.S. scheme is estimated to cost Rs.82.85 lakhs to instal with annual maintenance charges ranging from 1.23 lakhs in 1966 to Rs.1.66 lakhs in 1981. The method of financing the scheme has to be decided with reference to the revised financial policy of Government. The views of the Municipal Council, Mangalore may be called for in the first instance. ~~A draft Memo. is submitted for approval.~~

4. In February 1952, the Government approved the proposal of the C.E. to purchase C.I. pipes worth of Rs.10 lakhs required for the revised water supply scheme, in advance of the preparation of plans and estimates. The S.E. has also placed orders with a Calcutta Firm for the supply, in 1952-53, of 20,000 feet of 20" diameter 'C' Class spun iron pipes, costing Rs.10 lakhs for the scheme.

5. A provision for a loan of Rs.5.9 lakhs towards the purchase of the pipes referred to above has been included in the B.E. for 1952-53.

6. The S.E. has stated that in view of the magnitude of the scheme and the capital expenditure involved, it is advisable to draw up a specific plan spreading the progress of execution of the scheme over a definite period, say six or three years. For the reasons explained in his letter pp. ~~3-5~~ 19-21 c.f. he has suggested that the programme of the execution of the entire scheme consisting of six stages, may be spread over a period of three years. ~~commencing from~~

~~June 1952~~. This means the funds to meet the entire cost of Rs.82.85 lakhs will have to be found in the course of three years, at the rat of Rs.27.6 lakhs, every year, approximately.

7. The C.E.(P.H.) has recommended the S.E's suggestion and requests that the programme of execution in three years may be approved. It is therefore for consideration whether ~~does not appear that~~ the execution may be sanctioned pending sanction of the plans and estimates and the decision in respect of grant-in-aid for the scheme with reference to the Government's revised financial policy. For orders.

8. Remarks of L.A. and Finance may be invited u.o.

11.7.52

12.7.52

12/7/52

12.7.52

L A/Fin

L. A. Depot. (D)

The notes of Health Depot. on pp. 1-3 above may be perused. The Cl. has already been asked to report whether it is agreeable to increase its rate of W+D tax from 4½ p.c.p.a to 9 p.c. p.a. Out of the total estimated Cost of Rs. 82.85 Lakhs of the water supply scheme, the Cl.'s share will be about Rs. 30 Lakhs and the Govt's share, which about Rs. 53 Lakhs — vide para 3. of G.O. No. 32 P.H. dated 3.1.52. The file may be passed on to Fin. Depot.

KVS 21/7/52

1.5.5.

21.7.52

the Councils opinion as to the lowering of the rate of

Health No 31157 42/52-1. 12.7.52.

LOCAL ADMINISTRATION DEPARTMENT 27444

V.I. 1977

Fin. Depot. No. 32 P.H. 3.1.52

8 W/ EA
the W & D tax to the extent
mentioned above to finance the scheme
may be
ascertained first

R.M.
21.7.52

Fin

227/52 fin

4247

L.A.U.O. NO.
27444/52-1-D
22-7-52

Finance (Exp. A) Department.

Please see the notes on pages 1-4 above.

2. The proposals in this file are ---

(1) that the views of the Municipal Council, Mangalore, may be obtained on the estimate for Rs.82.85 lakhs for the ~~Mangalore~~ for Mangalore revised Water Supply Scheme with maintenance charges ranging from 1.23 lakhs in 1946 to Rs.1.66 lakhs in 1981 furnished by the Sanitary Engineer; and

ADDITIONAL DEPUTY SECRETARY TO GOVERNMENT
5446
23 JUL 1952
FINANCE DEPARTMENT

Form 3, P. 1-2

(2) that the execution of the work may be sanctioned pending the sanction of the plans and estimates and the decision in respect of grant-in-aid for the scheme with reference to the Government's revised financial policy.

Form 3 of (A)

3. Item (1) in Para 2 above:- May be agreed to.

DEPUTY SECRETARY
35935
11 JUL 1952
HEALTH DEPARTMENT

(4) Item (2):- in para 2 above:- The Council has already been asked to report whether it is agreeable to increase its rate of Water and Drainage Tax from 4½% per ~~annum~~ to 9% per annum with a view to finance a loan of Rs.25.5 lakhs towards its share of the Capital cost of the scheme and also to meet the annual maintenance charges. As suggested by L.A., the opinion of the Council regarding the above may be obtained in the first instance.

Form PP 3 4-1-52
29.7.52

54 28-7-52
2827-S

29.7.52

All 29/7/52
Health

Health.

Fin. No.
5446/EA/52-1
29-7-52

31157/52 —.

9
Health

Please see the notes of LA and Finance at pages 3-4 ante. Finance have agd to this department's proposal at 'M' on page 2 ante. As regards the proposal at ~~2~~ 'N' on page 3 ante LA. have stated that the opinion of the Mc.Cl. Mangalore as to the raising of the rate of W and D tax levied in the Mcy from 4½ % to ~~9~~ 9 % p.a with a view to finance a loan of Rs 25.5 lakhs towards its share of the capital cost of the scheme, as suggested in para 3 of G.O. Ms. No 32. H.d 8.1.52 may be ascertained first. Finance have also endorsed this. It is submitted that the Mc.C ~~has~~ in its resolution No. 726 d 12.5.52. has resolved ~~resolved~~ to raise the rate of W. and D tax from 4½ % p.a. to 8 % p.a. and has requested the Govt to permit it ~~to~~ to defer the levy of the increase till the ~~work~~ scheme is actually started This is under consideration separately. The remark of the C.E (P.H) on the proposals of the Mc.Cl. have been called for and his reply is awaited.

(A)

p 3 of g/F.

p 2 of g/F.

G.O. 25910/52 L.F. p 9 of g/F.

As regards 'M' on page 2 ante a draft memo is submitted for approval.

4.8.52.

7.8.52

Ref: Memo. No. ~~238~~ 31157/W2/52-2 d 8.8.1952 from the Comm. Mangalore Mcy. C5/12537-52 d 23.

p 23 of

p 24 of

Please see the letter from the Comm. Mangalore Mcy in p 25 of the Council's resolution in p 27 of. The Council is agreeable to the revised scheme & is willing to take the loan of Rs. 25.5 lakhs. The Council is willing to raise

p 27 of

raise its W & D tax to 9 ½ from 1-4-53 to meet the annuity on the loan & the cost of maintenance.

The file may now be sent to LA Dept for remarks.

4.10.52

SKS
4.10.52

LA / Fin

Health no
no 31157/42/52-3
6.10.52

L.A. Dept (AR)

[Previous note of L.A on pp 3-4 ante]

The note of Health Deptt on pp 5-6 above may be perused. The municipal has agreed to raise the rate of water supply & drainage tax from 4½ % to 9 % p.a in order to meet the annuity on the loan of Rs 25.5 lakhs and the cost of maintenance of the scheme. Out of the estimated cost of Rs 42.85 lakhs the city's share is about Rs 30 lakhs and the Govt's share will be about Rs 13 lakhs. Subject to the above remarks this Deptt may agree to the sanction of the execution of the scheme.

The file may be passed on to Finance.

VS
7/10

LOCAL ADMINISTRATION DEPT. 40582 7 OCT 1952 SECRETARIAT, MADRAS

p 27 cf

pp 28-29 NF of (

× A/1 - para

ADDITIONAL DEPUTY SECRETARY TO GOVERNMENT 29372 29 OCT 1952 FINANCE DEPARTMENT

8n
26.10.52

27/10/52

27/10

Fin

DP
28/10

L.Dept no 40582
28.10.52

(Previous Finance note on p.4 above)

Please see the further notes from the bottom of p.5 above. The proposal is to sanction the execution of the Mangalore Water Supply Scheme pending sanction of plans and estimates. The Council has agreed to raise the Water supply and Drainage Tax to 9% p.a. as proposed and accordingly the scheme will be financed as follows:

		Rs.Lakhs.
1.	From the Council's present resources	4.11
2.	From Govt. loan	25.50
3.	From Govt. grant	53.24
	Total cost	82.85

This department may agree to sanction the execution of the Water Supply Scheme as proposed above. Regarding funds, the Council can meet the expenditure, if any, on account of the scheme during the current year, from it resources - item (1) above. The expenditure during the next year may be met from a loan from the Govt., the amour of loan being limited to the probable expenditure during that year and subject to availability of funds.

6.11.52

Before taking on new commitments on Urban water supply & drainage under present financial conditions, it is desirable that we review the existing commitments with reference to the policy now being pursued. I cannot see how we can meet a new commitment of Rs 80 lakhs at a reasonable distance of time. A list of all sanctioned schemes may be made showing the approximate break up of expenditure in the ~~not~~ next 3 years. My feeling is that the annual expenditure on sanctioned schemes may be Rs 25 lakhs or more. If that be so how can we add to it? Health Dept may be consulted

7/11/52

8. 12

W

Secretary's remarks on ps. 7 above.

The Health Dept who have been consulted informally have stated that they do not have a complete list of all the sanctioned water supply and drainage schemes with the particulars required by the Secy at A, p. 7 above. A very rough list compiled from that Dept is at (Q). This is evidently not complete though may therefore be requested to obtain a list in the following form of the sanctioned W.S. and D. schemes and examine the case further in the light of the Secy's remarks:—

A

List I — W.S. Schemes

Scheme	Total Cost	Govts. Share Grant	Govts. Share Loan	Expenditure in each year — Year upto 1951-52		1952-53		1953-54		1954-55	
						Grant	Loan	Grant	Loan	Grant	Loan

List II Drainage Schemes

[As above]

Ks
8-11-54

No. 19372 EA/54-1
8/11/54

DEPUTY SECRETARY
1536182
HEALTH DEPARTMENT

9

23 Health Deptt.
(W2)

Please see the note of L.A. and Finance from p.ante. with reference to the suggestion of Finance at "A" on p-8 ante, a draft Memo to the C.E(P) is submitted for approval

16/11/52

17.11.52

18/11/52

Secy.
18/11/52

P 46(a) Cf Issued Memo No. 31157 W2/52-4 Health) 18.11.52

P 47 Cf — Read: From the C.E.,(General) Letter No.933 PH/52-9 dated 19-1-53.

Please see the notes of the Finance department ~~from~~ on pp. 7-8 ante. With reference to the particulars called for by the Fin., department on page 8 ante, the C.E. has furnished a blue print copy ~~in duplicate~~, of statements separately for water-supply and drainage schemes showing particulars of cost of schemes as sanctioned, expenditure so far incurred and the probable expenditure spread over the 3 years 1952-53, 1953-54 and 1954-55. The S.E. reports that the figures for Govt. grant or loan for the three years mentioned above will have to be based on the method of financing as decided by the Govt. while sanctioning each scheme and that wherever the figures could be so derived they have been shown against the corresponding schemes. He says that the position is indefinite in respect of certain schemes for the reasons mentioned at 'x' on pages 49-50 c.f.

P 49 Cf

2. The S.E. reports that the financial commitments in respect of the schemes sanctd. and in progress would be as under:-

p.t.o.

	(a) Total cost of scheme as sanctioned. Rs	(b) Total expenditure incurred so far. Rs	(c) Balance to be spent. Rs	
1. Water-supply schemes.	3,53,31,345	2,35,07,907	Govt. grant:	78,18,032
			Loan :	36,09,400
			Ml. Funds.	29,44,451
2. Drainage schemes.	50,83,500	40,92,134	Govt. grant:	5,86,042
			Loan :	70,481
			Funds	5,48,429

p. 55 of

The S.E. says that the total of the figures under (c) will be more than the difference between (a) and (b) as the expenditure in respect of some of the schemes in progress would have exceeded the sanctd. estimate pending sanction to revised estimates, and that the figures of unspent balance noted in column 17 of the blue print of the statement are not taken into account in this connection. (S)

The S.E. says that the total figures under cols. 8 and 9 of the statement for all schemes put together (excluding the schemes mentioned at 'X' overleaf) may be taken to represent the commitments of Govt. against the sanctioned schemes so far, The figures are about Rs.1.15 crores for all w.s. schemes in progress and about Rs.6.57 lacs in respect of drainage schemes, and that these figures are likely to be exceeded somewhat when the revised estimate for some of the schemes in progress are sanctioned and thereby addl. commitments are incurred by the Govt. by way of grant and loan on such excess over sanctd. estimates. He states that including approximate figures at this stage for such addl. commitments a total figure of about Rs 1.5 (may be assumed) crores as representing the Govt.'s commitments as ~~against~~ grant and loan towards the schemes listed in the statement. This figure of Rs.1.5 crores will have to be distributed over the several schemes until they are completed. ~~Some~~ Many of the schemes ~~may~~ not be completed within 1954-55 but may ~~get extended for one or two~~ go beyond this by two or three more years and that the total commitment of Rs.1.5 crores will ~~have to~~ be spread over ~~5 years 1952-55 but also over the next year or two in respect of some of the schemes.~~ a no. of years.

para 4, p. 50 of

~~3. The S.E. has mentioned in para 6 of his letter that 12 ws. & d. schemes are held up for want of sanction of plans and estimates.~~

D.T.O.

The grants and loans sanctioned by the Govt. to Ml.Cls. for water-supply & D. schemes are as follows:-

	Grant. Rs. ~~lacs.~~	Loan Rs. ~~lacs.~~	Total. Rs. ~~lacs.~~
1949-50	12,22,170	7,65,000	19.87
1950-51	25,69,589	22,67,500	43,00
1951-52	39,25,500	24,83,600	64.08
1952-53 (B.E)	19,68,700	12,35,000	32,00
1952-53 (R.E)	26,00,000	30,24,000	56,24
1953-54 (B.E)	13,40,000	10,49,251	23,89

The figures for 1951-52 are taken from the Loans and Grants Register and the figures for 1952-53 are based on the B.E. The provision asked for 1953-54 is for a grant of Rs.24.65 lakhs and a loan of Rs.30.24 lacs, totalling Rs.54.89 lacs.

The total commitments, with reference to the schemes sanctioned and in execution amount to roughly 1.5 crores (including possible rise in the estimates) under water-supply; and Rs.6.57 lakhs under Drainage. These amounts ~~are to be~~ will be spread over a number of years not less than three and most probably five years. Even assuming that the commitments to Govt. are kept at the level of Rs.50 lakhs per annum the schemes already sanctioned will not provide adequate ~~pace~~ materials to keep the expenditure going on at that level, and the sanction of the Mangalore water-supply scheme on which already considerable amount of commitments by way of purchase of pipes have been incurred is not likely to prove so embarrassing as to require its postponement. It should at least be possible now to lay and joint the pipes which are now chattering up the road side. Subsequent works are likely to take time, as Land Acquisition for the ~~Frosh~~ settling Sewage Farms etc., water reservoir ~~is involved and~~ it would be possible to slow down the rate of expenditure having due regard to the availability of funds.

laying & jointing the Pipes

SRK

SR 15.2.53.

SRK 18253

I should like to discuss with Sri Seth.

SRK 18.2.53

Sen

SPECIAL DEPUTY SECRETARY TO GOVERNMENT 1371 8 1 FEB 1953 FINANCE DEPARTMENT

W.O. No. 8115-7-52/52-6, Revenue Dated 19.2.53.

16 W/

Fin (EA)

(Previous Fin. notes on pp 7-8 above)

With reference to the Secretary's remarks on p. 7 above, attention is invited to (1) the Sanitary Engineer's letter on pp 49-51 C/f (2) the blue print showing the details of cost of sanctioned schemes at (S) and (3) Health Dept notes on pp 9-11 above.

The case is submd. to the Secretary for discussion with the Health Secretary as desired by the latter. — p. 11 above.

16 24-2-53

24-2-53

24-2-53

It is true that we have already entered into commitments on the Mangalore W.S. Scheme by ordering the necessary pipes. If the pipes cannot be transferred to other schemes with economy, then we may have to go ahead with this scheme. Orders in this may be taken. | A | B

On the general point I raised, it seems to me that we may not be able to find more than Rs 25 to 30 Lakhs a year for W.S & drainage schemes for the next 2 or 3 years, without slowing down Industrial & Elec. works. The B.E. for 52-53 as also Rs 32 Lakhs but R.E. has gone up to Rs 56 Lakhs. The B.E. for 53-54 shows Rs 23 Lakhs & we may have to stick to this figure. If further discussion is useful it may be done after the budget is off my hands say after 10th March. | D

vide statement at (F)

| C

24/2/53

Health

2-no 13748 EA/53

25-2-53

Health (W/2)

Please see the note of Fin. Secy.

on page 12 ante. The file is sent for orders

vide 'C' on p. 12 ante (i) whether Secy. will discuss with T in Secy. after 10.3.53 and whether this may be done till then;

or (ii) whether the Secy. Engr. may be consulted whether it will be possible to transfer the pipes to other schemes with economy;

vide A on p. 12 ante A

or (iii) whether orders will be obtained in circulation for sanctioning the execution of the scheme.

vide 'B' on p. 12 ante

4/3/53 Please see further report from the CE (GI) for 53-54 pressing for early sanction of the scheme

SK 4353 Secy

A may be done.

We may ascertain how much worth of pipes have been ~~sanctioned~~ purchased?

How many units of pipes they constitute?

SRK
4.3.53.

A draft memo is put up for approval.

'A' on p. 53 ante 4/3/53 It is seen that action is being taken by the S.E. and the C.E. to proceed with the scheme, though without financial commitments with regard

14/9

With reference to the noting of 7th inst. in the file, it is for consideration whether the C.E. should be asked to stay action, pending final orders of the court.

5/3/53

SAS
5353

SE(E)3

The order must be full and explain the reasons for this enquiry. Ablaud case like this is fantastically unwise to issue.

Will DS please speak? I have no time to draft myself.

SKK
5353

A revised draft is submitted below for approval. I/c may perhaps see before issue.

5/3/53

The draft explains the reasons for the enquiry. If necessary I shall explain to the Secy tomorrow.

SK
6353

SE(E)3

M(H) has been enquiring about this case — Mangalore water supply scheme

We

We have been having incessant complaints from muplties & panchayats about delays over W.S. & dr. schemes. Our misfortune is that when money was available between 1935 to 1940 the organizatin was not & large sums were surrendered. Now we have the organizatin but no money. It is I submit, an impossible state of affairs.

Even if Govt. grants Rs. 25 or 30 lakhs, the muplties can find ~~some~~ amounts of the same order. And so, the existing sanctioned schemes may not provide full work load. But this scheme is susceptible of rapid execution & will lead to demand for large provision.

May the draft issue.

V K Aiyar
6.3.53

XXX From page 9 ante * * *

M(H) Government are already committed to this scheme. It has the first place among the urban water-supply schemes in the southern circle. The execu-

M(Fin) tion of the first stage of the scheme was sanctioned as early as in May 1949. The work had to be stopped in January last year and a revised scheme with

<16 2-V

another river as source has now to be taken up. The municipal council has agreed to raise the water-supply and drainage tax and pipes worth more than Rs.10 lakhs have been received at Mangalore. If at this stage the pipes are transferred to another place, it will ~~create~~ necessitate unnecessary loss to Govt. and cause bitter disappointment and widespread resentment in the district. No such proposal should be made to postpone the scheme. The work of laying the pipes may be taken up immediately since no work can be done during the monsoon period which begins in June and goes on up to October.

ansleday
7/3

I Secy (H) & Secy (P.W.) may discuss this first and put up a note as to the possibility of providing sufficient funds for the Mangalore water Supply works and also taking up the work immediately as suggested by M (H) above. Our financial position is so bad that we are unable to honour our commitments. Perhaps it will be better if this is considered after the formation of the Andhra State.

M/Fin

C. Rajeswaran
7.3.53

SECRETARY 7 MAR 1953 HEALTH DEPARTMENT

Health

M (H) may see first

S.R.Kaiwar
7.3.53

SECRETARY 9 MAR 1953 HEALTH DEPARTMENT

M (H)

This should not be made to wait till the formation of the Andhra State. The pipes laid on the roadside are causing inconvenience to traffic and road repairs.

150
⊙ ack
7/3/53.

ansleday
9.3.53

'21 -'52'

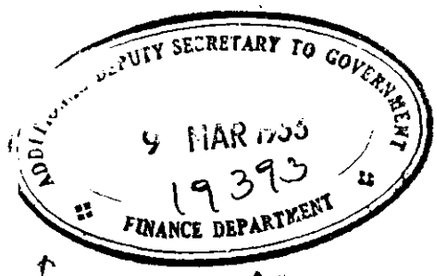
Health

Will Sec'y please give me a nip? I shall come along & discuss

SRK
9.3.53

Dy(i)
9/3/53.

Health U.O.No.
B1157-W2/52-7
9.3.53



Received & D.O.N.

In respect of these water supply and drainage schemes, I am not sure whether the policy now being pursued, is fair to the general tax-payer. What is happening now is, the ~~financial burden is, the~~ financial burden is shouldered primarily by the Government and the Municipality is called on to assist, only to the extent it can bear, in the light of its other commitments. When a scheme comes up for sanction, we examine the resources at the disposal of the municipality. If the property-tax levied by the municipality is not up to a standard figure - usually 25% - the municipality is directed to step up the property-tax to the standard figure. The anticipated additional revenue is capitalised and a loan is promised ~~out~~ to the municipality to this extent. The balance of outlay, after deducting whatever accumulations the municipality is already in possession of, is taken on as a Government commitment. On this basis the Mangalore case works out as follows:

	Rs. lakhs.
Municipalities' present resources ..	4.11
Loan which the municipality can stand ..	25.50
Government grant ..	53.24
Total cost	82.85

pto.

This means, that the Government has to meet 64% of the cost of the scheme and also to provide a loan for 30% of the cost. There are other cases where the advantage is greater to the municipality and Health Deptt. may be able to quote instances. All this benefit is derived by urban people at the expense of the general tax-payer. Under Indian conditions, the urban people are generally ~~bass-wood~~ better off than the villager. We have not yet made appreciable headway in our programme of rural water supply, for lack of resources. The general equity of this method of financing urban water supply and drainage schemes, may kindly be examined and the matter taken to the notice of the Cabinet. The present policy was laid down at a time when we had a large Revenue Reserve Fund and thought that it would last us for a good many years. Now that we are up against a lean period, the matter should be looked into in a ~~less expansive~~ more realistic mood.

In respect of the Mangalore case, we have already entered into commitments under the old policy. Pipes worth about Rs. 10 lakhs have been ordered and are now cluttering up the streets of Mangalore. It is ~~not quite~~ perhaps not a practical proposition to ~~reserve~~ remove them for use on other schemes and besides, this will cause considerable disappointment to the people of Mangalore, who had already seen the pipes lying in front of them. The Mangalore scheme has also very high priority - Is it the second in the list? Considering all these facts, we may perhaps agree to this scheme going through one condition. The municipality is expecting a loan of Rs. 25½ lakhs from the Government. Mangalore

1A

3157 W/53 W 22 19

is a rich town. The coffee planters and merchants of the place should be persuaded to lend the money to the municipality at a rate of interest comparable to the Government's borrowing rate. Subject to this condition that the municipality should raise its own loan, the scheme may be sanctioned on the existing policy and execution spread over 5 years. C.M. may also see.

B

T Venugopal 27/3/53

Health Secy

Dy. No. 19393 Ex/53 27-3-53

SECRETARY 15821 27 MAR 1953 HEALTH DEPARTMENT

Health

A, at p 18 ante

The policy question will be examined separately.

2. This scheme may be sanctioned subject to what Sri Seth says in B above.

3. I have retained a copy of Sri Seth's note and will give some indications as to the lines on which the case should be examined before I hand over charge.

sd/- K.

27.3.53

Date 27/3/53

M(N) A

M(Fin)

The Mangalore water-supply scheme has been given the first place in the priority list. The pipes ordered for the scheme are lying on the roads. If it is proposed to ask other municipalities to raise loans in a similar manner

3115/52

20: 24

for completion of water-supply schemes to which the Govt. are committed under the old policy, the Mangalore municipality also may be asked to raise its own loan.

~~enclosing~~
28/3

K.V. Subramaniam
28.3.53

SECRETARY
31 MAR 1953
HEALTH DEPARTMENT

C.M.: C. Rajamanickam
31.3.53.

Health (W2)

With reference to the minutes of M(H) above, it is submitted that no Municipality has so far been asked to raise loans in the open market for completion of its W.S. or/and drainage schemes. The Govt. have, however, decided to permit Municipalities to raise such loans for financing their W.S. and Drainage Schemes and orders in this regard are under issue. It may be expected that if the Mangalore Mty. is told that no loan can be granted by the Govt. for the scheme, it will come forward to utilise the permission being granted in G.O. No. 1098, Health, dated 26.3.1953 and float a loan in the market for meeting the cost of the Scheme. In future, this line of action may have to be followed in the case of many Municipalities, though commitments might have been entered into previously. It is, therefore, for consideration

G.O. 1098 H (L)
26/3/53
(under print)

(L)

for consideration whether the scheme may be in this case sanctioned subject to the condition that no loa can be granted by the Govt.

There is no objection

SK
31353

MV 31/3/53

= For orders as to recirculation to M(H

SK
31353

It would be better to SK prepare a draft & submit to M(H)

The orders will apply to Mary also. Case of each apply will have to be considered independently on its merits

SRK
31-3-53

With Reference to the orders of Secy above a draft Order which is Self explanatory is put up below for approval. May be circulated to M(H).

It seems better that L.A. and Fin. see the draft for acceptance prior to circulation.

31-3-53.
1-4-53.

A.P.S. 1/4

1/4/53

SK
1453

CA / Jm
L.A. Dept

(Law seen by L.A. on P.6. above)

The draft order may be accepted and the file passed on to Fin. Dept.

SSS
2.4.53

2/4/53 4/4/53 Jm

Dy(C) 1/4/53

1 APR 1953
16101
SECRETARIAL MADRAS

No. 31157.102/52-8

Date: 1-4-53

Dy 4/4

Land No. 16401-10
4 4 53

GOVERNMENT OF MADRAS
ADDITIONAL DEPUTY SECRETARY TO GOVERNMENT
FINANCE DEPARTMENT
28/3

26

W

Fin (Exp A)

(Last seen by Fin Secy on pp 17-19 above)
The subsequent note and orders in circulation on pp 19-21 above may be perused. The draft order below may be approved and the case returned to Health.

SSR
4453

4.4.53

Fin (Exp A) 2-8135 Exp A/53-1
4/4/53

Health dept (W) MK 6/4/53 (48 PM)

The draft below may issue after circulation to M.(H.) and M(L.A.). The file was last seen by M.(H.) on 28-3-53 (pages 19-20 ante). The draft is self-explanatory.
VR
6-4-53.

19669

Date
7/4/53

M (H.) 7/4

M (L.A.) D. Lankan 6.4.53

SECRETARY
7 APR 1953
HEALTH DEPARTMENT

Mangalore Water supply and Drainage Scheme - Programme for execution

pp 3-9 c/f

From the Chief Engr (PWD) letter no. 6714-PH-52-4 dated 6.8.53

A copy of the Chief Engr's letter no. 9313-PH-52-9 dated 19.1.1953 was called for, as the original reference was not traceable. It is now the copy of the letter dated the original reference was received and considered in the examination of the Mangalore Water supply Scheme. Reference is invited to the note on this letter at pp9-11/N (E) in Go Ms No. 804 Health dated 7.4.53. Hence the papers may be filed with Go Ms 804 Health dated 7.4.53.

pp47-51 c/f (E)

pp9-11 c/f (E)

(E)

(E) K 14.5.53

It is not any glaring question in this

Sd/ 14/5/53

Sd/ 15/5/53

Subd that this file arose from para 5 of the Supy. Engrs. report at page 9 c/f of the linked file below, on which the C.E. remarked that the further programme was subd with his letter No. 933-PH/52-9, dt 19.1.1953. It was thought that some action might be necessary on the said programme and so a copy of it was called for. On receipt of the copy, it is found that it is nothing else than the report called for by the Govt in connection with the Mangalore W.S. Scheme, and duly received and considered by the Govt

No. 88805/W2/53

'B' dup. 1 c/f of L.F.

Copy of dup 5 c/f

p. 1 c/f

pp5-9 c/f

@ pp47-51 c/f (E)

† p. 31 c/f (E)

pp47-51 c/f (E)

† pp9-11 c/f (E)

Govt. also in that connection. No proposal or
no point for orders has been raised either
in the Secy. Fy's. report at pp 1-9 of or
in the C.E's. Endt. on page 5 of. The papers
may be filed with (E) as already proposed

17/9/93

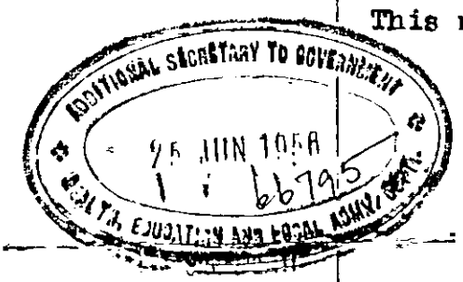
SAE
17/9/93

SPECIAL.

Addl. Secy., H.E.&L.A.

Herewith ~~is~~ a copy of a petition addressed to the S.E. by certain residents at Attavar, Mangalore. This may be got considered immediately.

Minister(Health) 25/6/56



A D.o. may be put up to the C.E to look into this immediately and report the result.

25.6.56

~~Draft~~ D.o. is submitted below for approval.

25/6/56

25/6/56

25.6.56

Addl Secy

[Issued as D.o. No. 66795/56-1 Health dt 25-6-56]

From the CE, PWD (Gl) D.o. No. 4666 Pt 1/5 dt 26.6.56.

Please see the reply from the CE, PWD (Gl) at P.95. He has stated that the distribution system will be

20

modified to suit the local requirements as far as practicable.

May be circulated to M(H)

Ghulam Mo
29.6.56
Addl. Secy

66798
5/08 — 29/6

28/6/56
CCA
28/6/56

29/6/56

SECRETARY TO GOVERNMENT
30 JUN 1956
HEALTH, EDN. & LOCAL Affairs

(H) for perusal.
29/6

The papers may be filed with G.O. 1304, Health, 9-7-53. (H) 7/7/56

7/7/56

6/7/56
CCA
7.7.56